

## PROJECT LICENSED PROFESSIONAL CERTIFICATIONS

*Lib*

Lei Lu  
Dec 8, 2023

As a Professional Engineer in direct responsible charge of developing this contract, I certify that all plans that contain my stamp have been developed under my supervision as a licensed professional.

*[Handwritten signature]*

James Sims  
Dec 8, 2023

As a Professional Engineer in direct responsible charge of developing this contract, I certify that all plans that contain my stamp have been developed under my supervision as a licensed professional.

Ronald Matyjas

Ronald Matyjas  
Dec 8, 2023

As a Professional Engineer in direct responsible charge of developing this contract, I certify that all plans that contain my stamp have been developed under my supervision as a licensed professional.

Ryan W Maas

Ryan W Maas (Dec 12, 2023 09:30 PST)

Ryan.Maas@Tetrattech.com

Dec 12, 2023

As a Professional Engineer in direct responsible charge of developing this contract, I certify that all plans that contain my stamp have been developed under my supervision as a licensed professional.

*Lindsey Jungbluth*

Lindsey Jungbluth  
Dec 11, 2023

As a Professional Engineer in direct responsible charge of developing this contract, I certify that all plans that contain my stamp have been developed under my supervision as a licensed professional.

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NOTES:

THIS PLAN SET WAS DEVELOPED ELECTRONICALLY UNDER THE DIRECT SUPERVISION OF THE  
LICENSED PROFESSIONALS WHO HAVE AFFIXED THEIR SIGNATURE TO THIS PAGE.

THIS SHEET SERVES AS THE CERTIFICATION BY THE ABOVE LICENSED PROFESSIONALS OF ALL SHEETS IN THIS PLAN SET WHERE THEIR STAMPS AND SIGNATURES APPEAR.

[illegible]

LEGEND:

	EXISTING LUMINAIRE
	EXISTING BURIED POWER
	EXISTING BURIED TELEPHONE
	EXISTING STORM DRAIN
	EXISTING WATER
	EXISTING OVERHEAD POWER
	EXISTING SANITARY SEWER LINE
	EXISTING LPG LINES/GAS
	EXISTING FENCE
	EXISTING UNKNOWN UTILITY

	EXISTING CATCH BASIN
	SURVEY CONTROLS
	EXISTING UTILITY POLE
	EXISTING WATER METER
	EXISTING WATER VALVE
	EXISTING MANHOLE
	EXISTING DECK DRAIN
	WSF/WSDOT PROPERTY LINE
	BORE HOLE/DRILL HOLE
	ACCESSIBLE PARKING SYMBOL
	SIGN
	TREE

LEGEND:

	EXISTING INDEX CONTOUR
	EXISTING INTERMEDIATE CONTOUR
	EXISTING PAVED EDGE
	EXISTING CURB TOP
	EXISTING RETAINING WALL TOP
	EXISTING RETAINING WALL BOTTOM
	EXISTING BARRIER FACE
	EXISTING GUARD RAIL

ABBREVIATIONS:

ABND	ABANDONED
ACP	ASPHALT CONCRETE PAVEMENT
ALT	ALTERNATIVE
APPROX	APPROXIMATE
BLDG	BUILDING
BP	BURIED POWER
CB	CATCH BASIN
CD	CONTROLLED DENSITY FILL
CONC	CONCRETE
CONT	CONTINUED
C OR CL	CENTERLINE
CSTC	CRUSHED SURFACING TOP COURSE
D	STORM DRAIN
DIA, Ø	DIAMETER
DIP	DUCTILE IRON PIPE
EG	EXISTING GROUND
EP	EDGE OF PAVEMENT
ELEV OR EL	ELEVATION
ESMT	EASEMENT
EXIST	EXISTING
ETOA	EXISTING TOP OF ASPHALT
FG	FINISHED GRADE
FT	FOOT, FEET
HAZMAT	HAZARDOUS MATERIALS
HMA	HOT MIX ASPHALT
IE	INVERT ELEVATION
IN	INCH
INV	INVERT
JB	JUNCTION BOX
L, LT	LEFT
LPG	LIQUID PROPANE GAS
LUM	LUMINAIRE
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MHHW	MEAN HIGHER HIGH WATER
MHW	MEAN HIGH WATER
MLLW	MEAN LOWER LOW WATER
MLW	MEAN LOW WATER
N	NORTH, NORTHING
NAD	NORTH AMERICAN DATUM
NAVD	NORTH AMERICAN VERTICAL DATUM
NO OR #	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OHL	OVERHEAD LOADING
%	PERCENT
P	POWER
PO	PASSENGER ONLY
PP	POWER POLE
PVMT	PAVEMENT
PZ	PIEZOMETER
R OR RAD	RADIUS
RD	ROAD
REINF	REINFORCED
REQD	REQUIRED
R, RT	RIGHT
R/W	RIGHT OF WAY
S	SANITARY SEWER
SCH	SCHEDULE
SF OR SQ FT	SQUARE FEET
SHT	SHEET
SMH	SANITARY SEWER MANHOLE
SSI	SENSITIVE SECURITY INFORMATION
ST	STREET
STA	STATION
STD	STANDARD
SY	SQUARE YARDS
T	TELEPHONE
TEMP	TEMPORARY
THRU	THROUGH
TMH	TELEPHONE MANHOLE
TOC	TOP OF CURB
TS	TRAFFIC SIGNAL
TYP	TYPICAL
UP	UTILITY POLE
VERT	VERTICAL
VTS	VEHICLE TRANSFER SPAN
WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
WSF	WASHINGTON STATE FERRIES
WP	WORK POINT
WV	WATER VALVE

PROJECT DATUM



VERTICAL DATUM - MLLW ('83-'01)

MLLW



HORIZONTAL DATUM - NAD 83/91, STATE PLANE,  
NORTH ZONE 4601

MLLW

FILE NAME : pr:\projectstore\wsdot.wa.gov\MS001\Documents\WSF\Coupeville\CoupevilleAgentOffice\CA00\ContractPlans\100pct\Civil\16039cd1\_00.dwg

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MAR PROJ ENGR: L. LU	12/6/2023					20W091
DGN ENGR MNGR: C. CHEN						CONTRACT NO.
ASST SECRETARY: P. RUBSTELLO						00****
		REVISION	DATE	BY		



SEE CT01.00

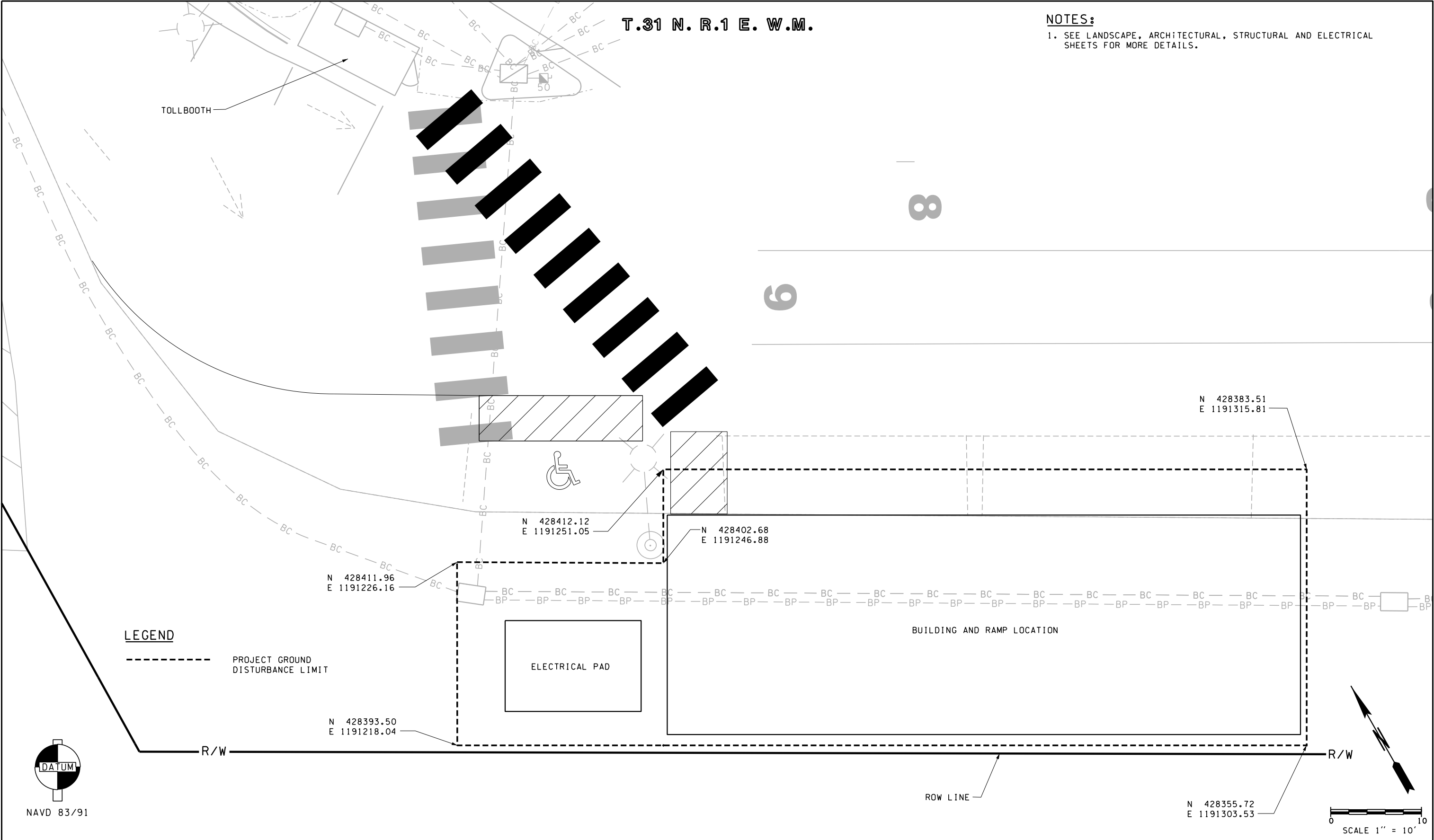



Washington State  
Department of Transportation  
WASHINGTON STATE FERRIES

SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE	
CIVIL SYMBOLS AND ABBREVIATIONS	

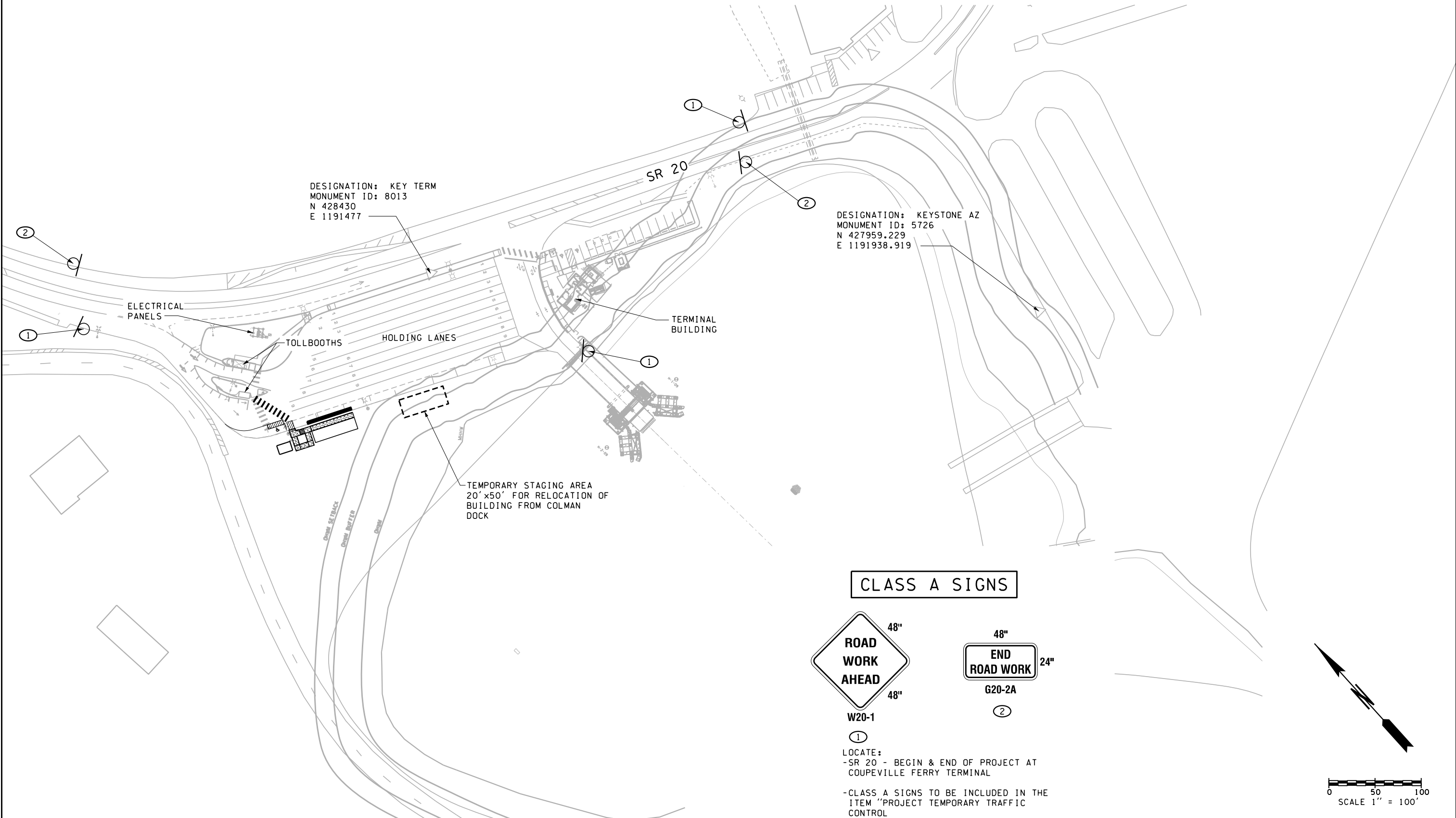
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SHEET  
8  
OF  
119  
SHEETS



FILE NAME : c:\users\ongj\pww\sdot\0498865\16039c04_00-SitePlan.dlv										 <div>SEE CT01.00</div>	 <div>Washington State Department of Transportation WASHINGTON STATE FERRIES</div>	SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE			C04.00
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MAR PROJ ENGR: L. LU		12/8/2023													
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ASST SECRETARY: P. RUBSTELLO				REVISION		DATE	BY								

T.31 N. R.1 E. W.M.



FILE NAME: c:\users\ongj\pwworkspace\dot\0498865\16039c04_01-TrafficControlPlan.dlv										 SEE CT01.00										 <b>Washington State Department of Transportation</b> WASHINGTON STATE FERRIES										SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE										C04.01	
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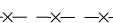







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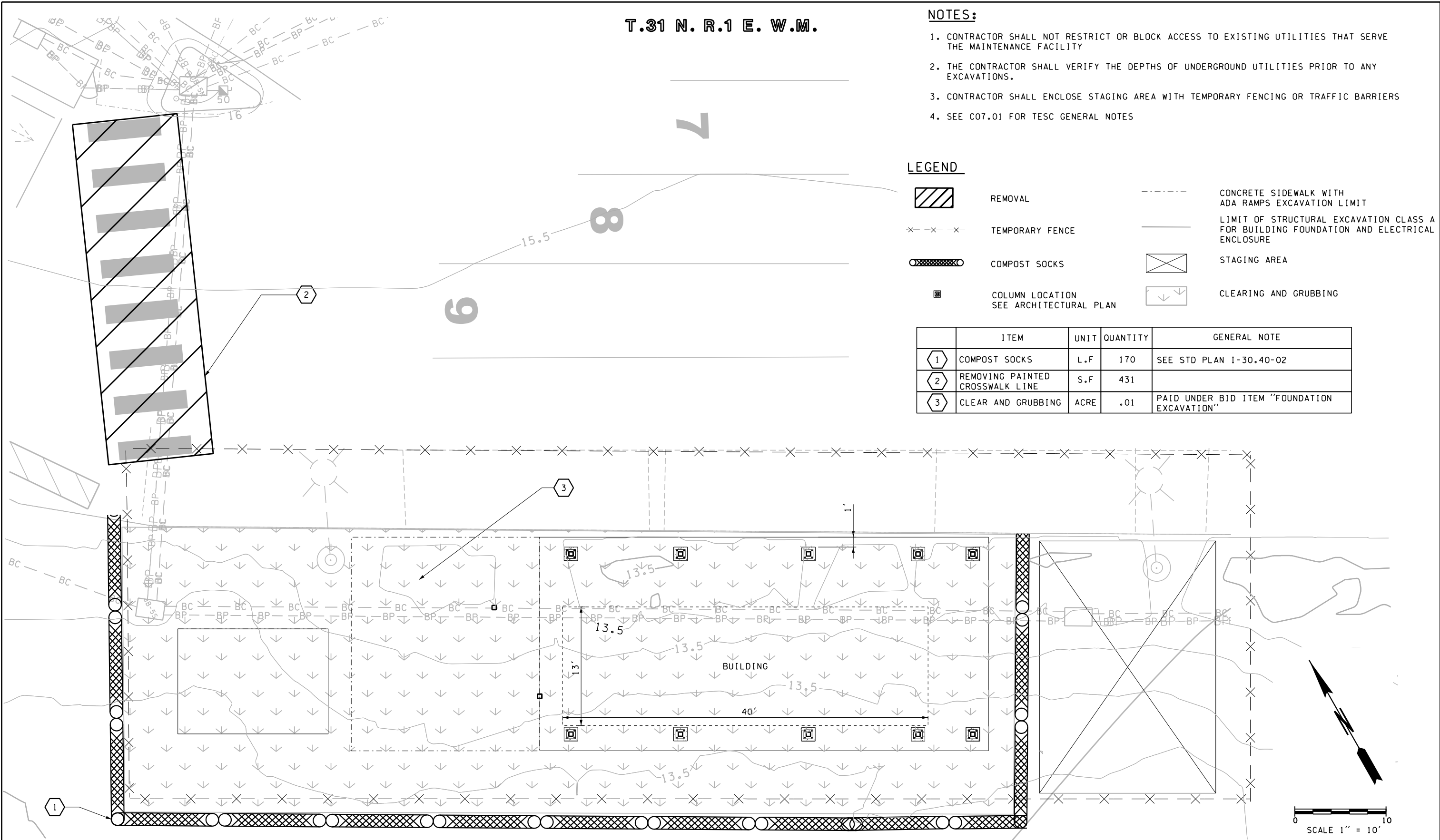
NOTES:

1. CONTRACTOR SHALL NOT RESTRICT OR BLOCK ACCESS TO EXISTING UTILITIES THAT SERVE THE MAINTENANCE FACILITY
2. THE CONTRACTOR SHALL VERIFY THE DEPTHS OF UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATIONS.
3. CONTRACTOR SHALL ENCLOSE STAGING AREA WITH TEMPORARY FENCING OR TRAFFIC BARRIERS
4. SEE C07.01 FOR TESC GENERAL NOTES

LEGEND

	REMOVAL		CONCRETE SIDEWALK WITH ADA RAMPS EXCAVATION LIMIT
	TEMPORARY FENCE		LIMIT OF STRUCTURAL EXCAVATION CLASS A FOR BUILDING FOUNDATION AND ELECTRICAL ENCLOSURE
	COMPOST SOCKS		STAGING AREA
	COLUMN LOCATION SEE ARCHITECTURAL PLAN		CLEARING AND GRUBBING

	ITEM	UNIT	QUANTITY	GENERAL NOTE
1	COMPOST SOCKS	L.F	170	SEE STD PLAN I-30.40-02
2	REMOVING PAINTED CROSSWALK LINE	S.F	431	
3	CLEAR AND GRUBBING	ACRE	.01	PAID UNDER BID ITEM "FOUNDATION EXCAVATION"



FILE NAME : pr:\projectstore\wsdot.wa.gov\5001\Documents\WSF\Coupeville\CoupevilleAgentOffice\CADD\ContractPlans\100pct\Civil\16039cd07\_00-SITE PREP AND TESC.dwg

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10 WASH

JOB NUMBER


20W091

CONTRACT NO.

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SEE C01.00



Washington State  
Department of Transportation  
WASHINGTON STATE FERRIES

SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE

SITE PREPARATION AND TESC PLAN

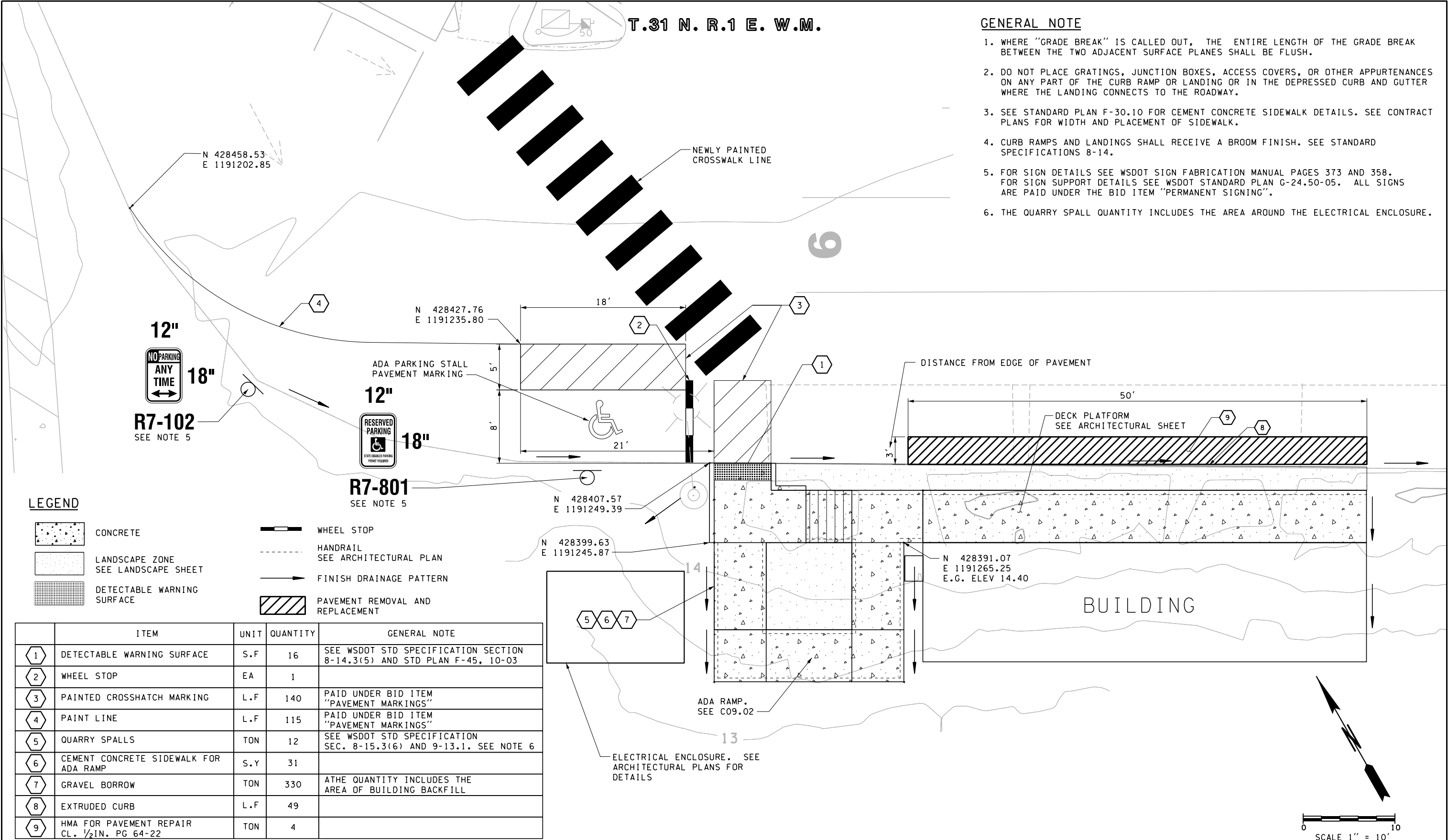
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OF  
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TEMPORARY EROSION & SEDIMENT CONTROL (TESC) NOTES:

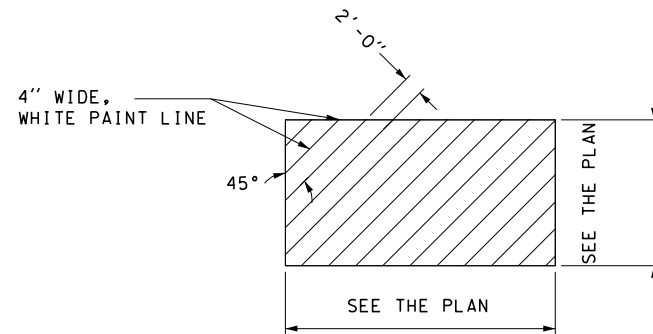
1. THE CONTRACTOR SHALL COMPLY WITH THE PLAN INCLUDED IN THE CONTRACT. SEE SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL USE ALL REASONABLE MEASURES TO MINIMIZE THE IMPACTS OF CONSTRUCTION ACTIVITY ON WATERS OF THE STATE. WATER QUALITY CONSTITUENTS OF PARTICULAR CONCERN ARE TURBIDITY, SUSPENDED SEDIMENTS, SETTLEABLE SOLIDS, OIL AND GREASE.
3. THE CONTRACTOR SHALL USE PROPER EROSION AND SEDIMENT CONTROL PRACTICES ON THE CONSTRUCTION SITE AND CONSTRUCTION STAGING AREAS TO PREVENT EROSION IN AND DOWNHILL OF DISTURBED AREAS, AND TO PREVENT THE DISCHARGE OF SEDIMENT-LADEN WATER INTO WATER BODIES, AND LOCAL DRAINAGE SYSTEMS.
4. THE MEASURES SHOWN ON THESE PLANS ARE THE MINIMUM THAT ARE REQUIRED FOR THE ANTICIPATED SITE CONDITIONS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES AS NEEDED DUE TO WEATHER, AND/OR FIELD CONDITIONS, AND/OR CONSTRUCTION ACTIVITIES.
5. THE CONTRACTOR SHALL NOT DISCHARGE TURBID WATER GENERATED FROM CONSTRUCTION ACTIVITIES, DIRECTLY TO ANY STREAMS, STORM WATER INLETS, OR DRAINAGE DITCHES BEFORE THE SOLIDS HAVE SETTLED OUT OF THE WATER.
6. AFTER ANY 24-HOUR RUNOFF-PRODUCING EVENT, THE CONTRACTOR'S ESC LEAD SHALL INSPECT TESC MEASURES FOR INTEGRITY. ANY FAILURE OF THE TESC MEASURES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND REPAIRED IMMEDIATELY. THE INSPECTION FREQUENCY FOR TEMPORARILY STABILIZED, INACTIVE SITES SHALL BE REDUCED TO ONCE EVERY CALENDAR MONTH. APPROPRIATE BMPS SHALL BE APPLIED PER PROJECT TESC PLAN AND REVISIONS.
7. COPIES OF ALL PERMITS SHALL BE KEPT ON THE JOB SITE AND SHALL BE READILY AVAILABLE FOR REFERENCE BY AGENCY PERSONNEL. THE CONSTRUCTION SUPERINTENDENT, CONSTRUCTION MANAGERS AND LEAD WORKERS, AND STATE AND LOCAL GOVERNMENT INSPECTORS.
8. THE CONTRACTOR SHALL PREPARE A PROJECT-SPECIFIC SPILL PREVENTION, CONTROL, AND COUNTERMEASURE (SPCC) PLAN IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION SECTION 1-07.15(1).
9. THE TESC FACILITIES SHOWN ON THIS PLAN SHALL BE CONSTRUCTED PRIOR TO THE GRADING TO PREVENT THE TRANSPORT OF SEDIMENT TO SURFACE WATERS, DRAINAGE SYSTEMS, AND ADJACENT PROPERTIES FOLLOWING CONSTRUCTION, THE CONTRACTOR SHALL REMOVE ANY SILT FENCE, CHECK DAMS, SEDIMENT TRAPS OR SETTLING BASINS AND THEIR ASSOCIATED TEMPORARY DIVERSION DITCHES. SEDIMENT SHALL NOT BE ALLOWED TO ENTER ANY STREAM OR DITCH AS A RESULT OF RUNOFF THAT MAY OCCUR DURING OR AFTER CONSTRUCTION IS COMPLETED.
10. THE CONTRACTOR SHALL INSTALL INLET PROTECTION AS NECESSARY TO ALL CATCH BASINS THAT RECEIVE STORMWATER RUNOFF WITHIN THE PROJECT AREA AND THAT MAY OR MAY NOT BE SHOWN ON THE TESC PLANS.
11. THE CONTRACTOR SHALL MAINTAIN CITY STREETS, PAVED TRAILS, AND SHOULDERS WITH STREET SWEEPING AS NECESSARY TO REMOVE CONSTRUCTION GENERATED SEDIMENT. THE CONTRACTOR SHALL NOT DISCHARGE ANY CLEANING SOLVENTS OR CHEMICALS UTILIZED FOR TOOL OR EQUIPMENT CLEANING TO THE GROUND. REFUELING OF EQUIPMENT SHALL BE CONDUCTED AWAY FROM THE DRAINAGE FACILITIES AND DONE IN SUCH A MANNER AS TO PREVENT ANY SPILLS FROM ENTERING THE GROUNDWATER OR WATER BODIES (INCLUDING WETLANDS). THE SPILLS SHOULD BE PREVENTED FROM HITTING THE GROUND PER THE TESC PLAN.
12. THE CONTRACTOR SHALL PROPERLY DISPOSE OF ALL CONSTRUCTION DEBRIS IN AN APPROVED AND PERMITTED LANDFILL FACILITY. THE CONTRACTOR SHALL PROVIDE THE ENGINEER THE LOCATION OF ALL DISPOSAL SITES TO BE USED. PRIOR TO WASTE BEING HAULED, THE CONTRACTOR SHALL PROVIDE COPIES OF VALID PERMITS OR APPROVALS FOR THE SITES TO THE ENGINNER.
13. THE CONTRACTOR SHALL CONTROL AND DISPOSE OF ANY PROCESS WATER GENERATED FROM PAVEMENT SAW CUTTING PER PROJECT PERMIT CONDITION.
14. ALL PERMANENT DRAINAGE STRUCTURES WITHIN WORK ZONE SHALL BE CLEANED UPON COMPLETION OF PROJECT.
15. THE CONTRACTOR SHALL IMPLEMENT FUGITIVE DUST CONTROL MEASURE DURING CONSTRUCTION.
16. CONTROLLING EROSION AND SEDIMENT AT THE CONSTRUCTION ENTRANCE AND THE STREET SHALL BE REQUIRED PER STANDARD SPECIFICATION 8-01.3(7) AND 8-01.3(8).
17. THE DISTURBED SOIL SHALL NOT BE EXPOSED MORE THAN THE LIMITS BELOW:

OCTOBER 1 THROUGH APRIL 2-DAYS MAXIMUM.  
MAY 1 THROUGH SEPTEMBER 7-DAYS MAXIMUM.
18. SPILL KIT SHALL BE REQUIRED - SEE SPECIAL PROVISION FOR EROSION CONTROL AND WATER POLLUTION PREVENTION.

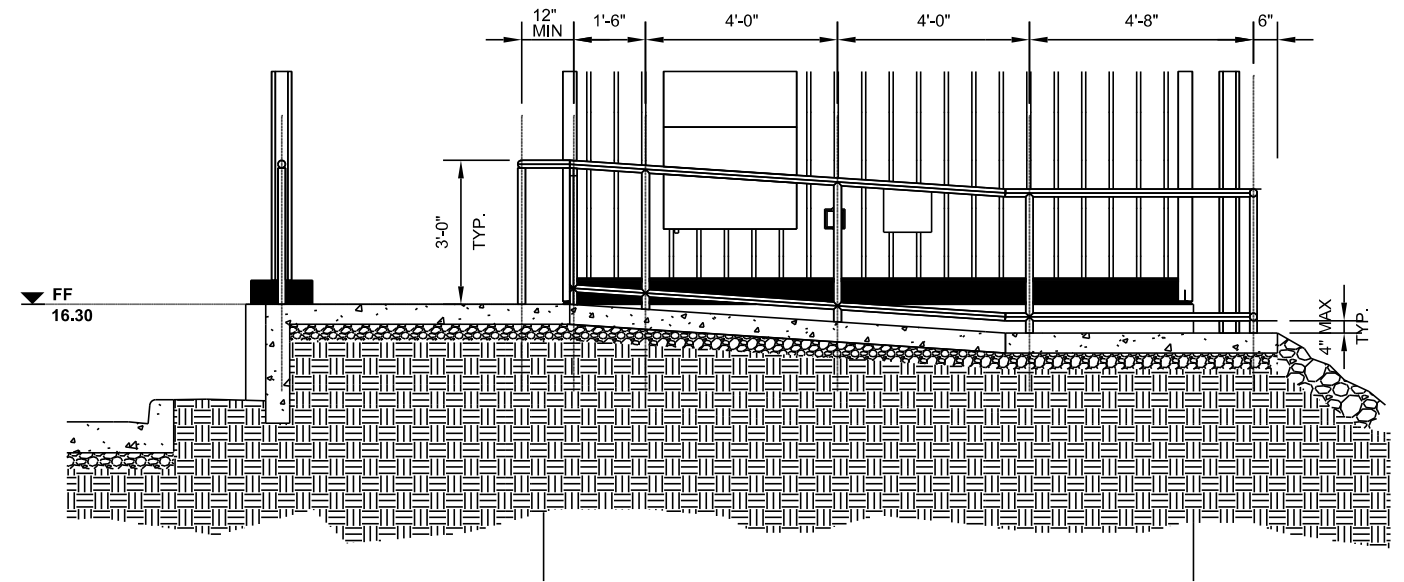


- GENERAL NOTE
- WHERE "GRADE BREAK" IS CALLED OUT, THE ENTIRE LENGTH OF THE GRADE BREAK BETWEEN THE TWO ADJACENT SURFACE PLANES SHALL BE FLUSH.
  - DO NOT PLACE GRATINGS, JUNCTION BOXES, ACCESS COVERS, OR OTHER APPURTENANCES ON ANY PART OF THE CURB RAMP OR LANDING OR IN THE DEPRESSED CURB AND GUTTER WHERE THE LANDING CONNECTS TO THE ROADWAY.
  - SEE STANDARD PLAN F-30.10 FOR CEMENT CONCRETE SIDEWALK DETAILS. SEE CONTRACT PLANS FOR WIDTH AND PLACEMENT OF SIDEWALK.
  - CURB RAMPS AND LANDINGS SHALL RECEIVE A BROOM FINISH. SEE STANDARD SPECIFICATIONS 8-14.
  - FOR SIGN DETAILS SEE WSDOT SIGN FABRICATION MANUAL PAGES 373 AND 358. FOR SIGN SUPPORT DETAILS SEE WSDOT STANDARD PLAN G-24.50-05. ALL SIGNS ARE PAID UNDER THE BID ITEM "PERMANENT SIGNING".
  - THE QUARRY SPALL QUANTITY INCLUDES THE AREA AROUND THE ELECTRICAL ENCLOSURE.

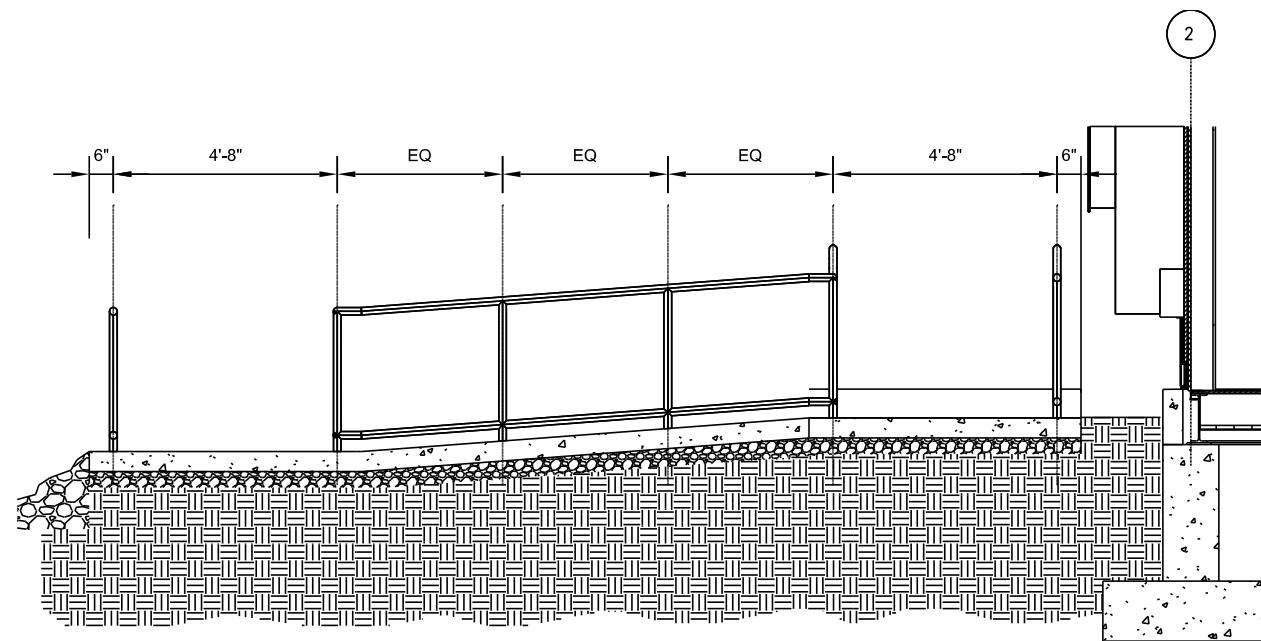




**1 CROSSHATCH**  
NOT TO SCALE

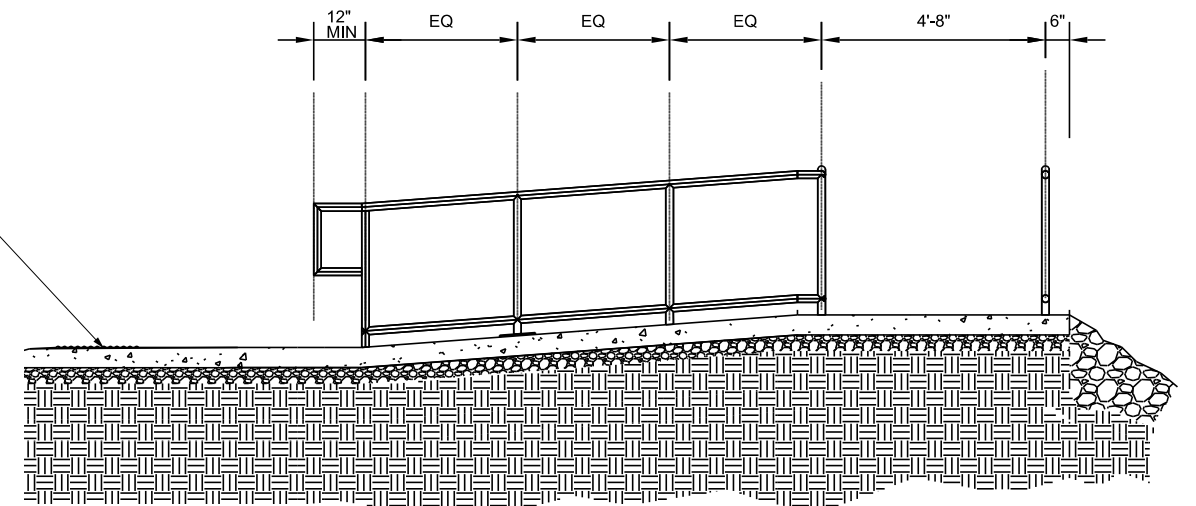


**2 RAMP SECTION**  
C09.02  
SCALE 1/4" = 1'-0"



**3 RAMP SECTION**  
C09.02  
SCALE 1/4" = 1'-0"

DETECTABLE  
WARNING  
STRIP



**1 RAMP SECTION**  
C09.02  
SCALE 1/4" = 1'-0"

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SEE CT01.00

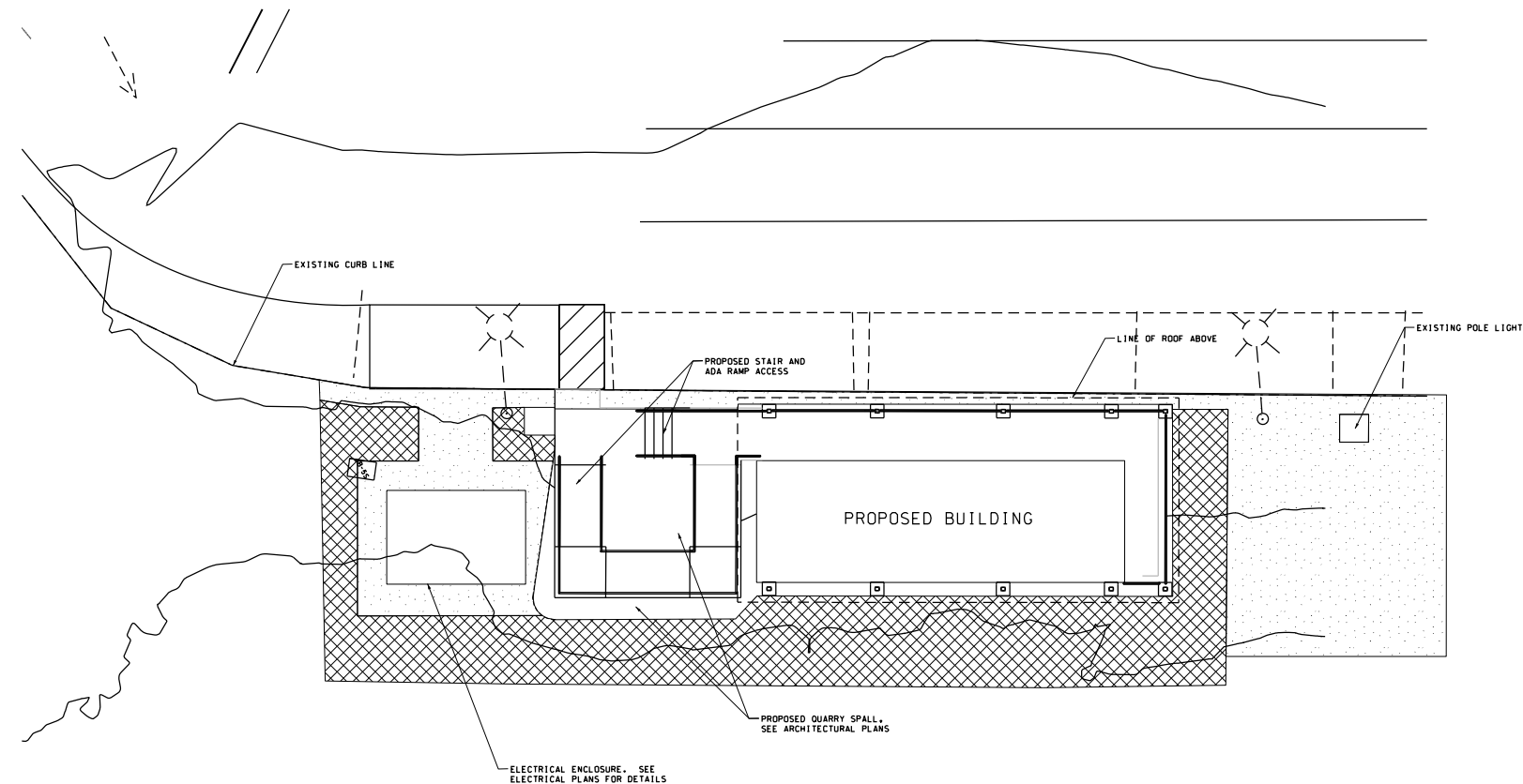


**Washington State**  
**Department of Transportation**  
WASHINGTON STATE FERRIES

SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
RAMPS DETAILS

**C09.03**  
SHEET  
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OF  
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SHEETS

T.31 N. R.1 E. W.M.





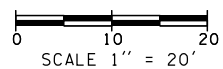
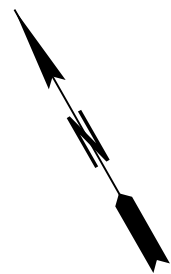
### LEGEND



-  COLUMN LOCATION  
SEE ARCHITECTURAL PLANS

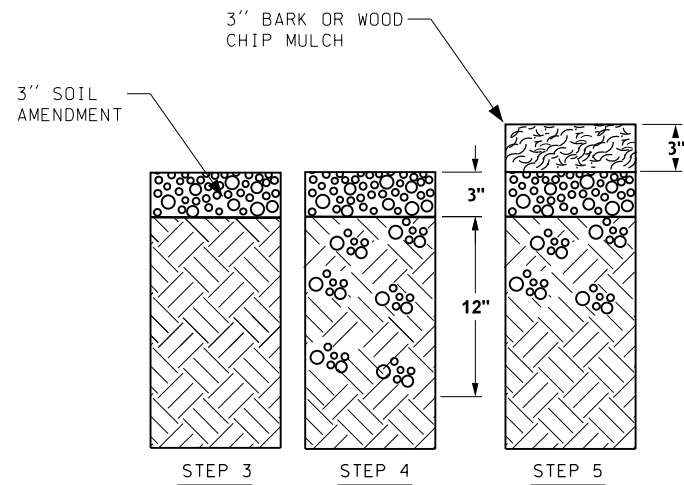
SOIL PREPARATION NOTES:

1. SEED ALL DISTURBED AREAS NOT OTHERWISE SHOWN AS PLANTED OR SEEDED IN THE PLANTING PLANS PER STANDARD SPECIFICATIONS 8-01.3(2).
2. SEE SHEET LD01.00 FOR SOIL PREPARATION SECTIONS AND DETAILS.
3. ONCE SOIL AMENDMENT IS COMPLETE, NO EQUIPMENT SHALL BE ALLOWED WITHIN THE PLANTING AREA SOIL PREPARATION.
4. PLANTING WORK WILL BE DONE BY WSDOT.

SOIL PREPARATION AREAS		
SYMBOL	ITEM	QTY.
	SOIL AMENDMENT, 3-IN DEPTH	146 (SY)
	BARK OR WOOD CHIP MULCH, 3-IN DEPTH	146 (SY)
SEEDING AREAS		
SYMBOL	ITEM	QTY.
	SEEDING, FERTILIZING, AND MULCHING	136 (SY)
	FINE COMPOST, 3 IN DEPTH	136 (SY)



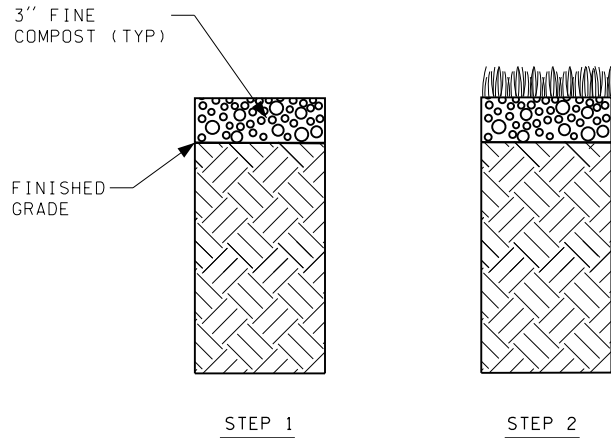
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ENTERED BY:        M. DOO        \$DATE\$										10    WASH																				119									
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REVISION        DATE    BY										SEE CT01.00																													



PLANTING AREA SOIL PREPARATION

- STEP 1  
PLACE 3" SOIL AMENDMENT  
ACCORDING TO 8-2.3(6)
- STEP 2  
INCORPORATE SOIL AMENDMENT TO  
12" DEPTH ACCORDING TO  
8-02.3(5)C,
- STEP 3  
INSTALL BARK OR WOOD CHIP MULCH  
3" DEEP ACCORDING  
TO 9-14.5(3) AND 8-02.3(11).

PLANTING AREA SOIL PREPARATION - SEQUENCE OF WORK  
SECTION VIEW NOT TO SCALE



SEEDING AREA SOIL PREPARATION

- STEP 1  
PLACE 3" FINE COMPOST  
ACCORDING TO 8-2.3(6)
- STEP 2  
INSTALL SEEDING AND  
FERTILIZING ACCORDING TO THE  
PLANS AND SPECIAL PROVISIONS.

SEEDING AREA SOIL PREPARATION - SEQUENCE OF WORK  
SECTION VIEW NOT TO SCALE

FILE NAME: \\WSF\Coupeville\CoupevilleAgentOffice\CADD\ContractPlans\pct\Landscapeing\160391d01 LANDSCAPE DETAILS.dwg						 <b>Washington State</b> <b>Department of Transportation</b> WASHINGTON STATE FERRIES	SR20 COUPEVILLE FERRY TERINAL AGENTS OFFICE CONSTRUCTION	LD00.00 SHEET 17 OF 119
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ENTERED BY: M. DOO	\$DATE\$				REGION NO. STATE			
CHECKED BY: L. JUNGBLUTH	\$DATE\$				10 WASH			
MAR PROJ ENGR: L. LU	\$DATE\$				JOB NUMBER			
DGN ENGR MNGR: C. CHEN					20W091			
ASST SECRETARY: P. RUBSTELLO					CONTRACT NO.			
					00****			
		REVISION	DATE	BY				






VIEW AT THE EAST FACADE LOOKING WEST

SHEET INDEX

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A00.02	CODE SUMMARY
A00.03	NOTES, SYMBOLS, & MATERIAL LEGEND
A00.04	LIFE SAFETY PLAN
A00.05	ICC/ANSI A117.1 ACCESSIBILITY DIAGRAMS
A00.06	ASSEMBLIES
A00.07	ASSEMBLIES
A00.08	WINDOW & DOOR SCHEDULE
A00.11	EXISTING/DEMOLITION PLAN
A00.12	EXISTING/DEMOLITION RCP
A00.21	EXISTING/DEMO BUILDING ELEVATIONS
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A01.01	PLOT PLAN
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A01.03	FLOOR PLAN
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A02.03	ELEVATIONS W/ CANOPY
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A02.05	ELEVATIONS W/ CANOPY
A02.06	ELEVATIONS W/ CANOPY
A03.01	BUILDING & CANOPY SECTIONS
A03.02	BUILDING & CANOPY SECTIONS
A03.03	SECTION/ELEVATION AT CANOPY SCREEN
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A03.05	SECTION/ELEVATION AT CANOPY SCREEN
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A04.01	ENLARGED OFFICE PLAN
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A05.01	DOOR SECTION DETAILS
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A05.08	CANOPY SCREEN DETAIL – WEST
A05.10	DETAILS
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A05.12	CANOPY ROOF DETAILS
A05.21	CASEWORK DETAILS
A05.31	ELECTRICAL SCREENING FENCE DETAILS
A05.32	ELECTRICAL SCREENING FENCE DETAILS
A05.33	ELECTRICAL SCREENING FENCE DETAILS
TOTAL ARCHITECTURAL SHEETS: 49	

FILE NAME: G:\Proj\CO\****					FED.AID PROJ.NO.	7932 REGISTERED ARCHITECT <i>R. Matyjas</i> RONALD M. MATYJAS STATE OF WASHINGTON	 <b>Washington State</b> <b>Department of Transportation</b> WASHINGTON STATE FERRIES	SR20 COUPEVILLE FERRY TERMINAL AGENT’S OFFICE	A00.00
PRINTED:	LAST PRINTED BY:								
SUBMITTAL DATE:	12/07/2023	T.WINDAHL			*—WA—***				SHEET
DESIGNED BY:	T. WINDAHL				REGION NO. STATE				18
ENTERED BY:	T. WINDAHL				10 WASH				OF
CHECKED BY:	R. MATYJAS				JOB NUMBER				119
MAR PROJ ENGR:	C. TORRES				20W091				SHEETS
PM & ENGR MNGR:	C. CHEN				CONTRACT NO.			ARCHITECTURAL SHEET INDEX	
ASST SECRETARY:	P. RUBSTELLO		REVISION	DATE	BY	00****	DATE		



SR20 COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE

## PROJECT INFORMATION

**PROPERTY OWNER:** WASHINGTON STATE FERRIES  
2901 THIRD AVE., SUITE 500  
SEATTLE, WA 98121-3014  
TEL: (206) 464-6400

**APPLICANT:** TOBEN WINDAHL  
WASHINGTON STATE FERRIES  
2901 THIRD AVE., SUITE 500  
SEATTLE, WA 98121-3014  
TEL: (510) 590-8722

**PROJECT ADDRESS:** 1400 SR20, COUPEVILLE, WA 98239

**LEGAL DESCRIPTION:** REFER TO SUNDRY SITE PLAN

**PARCEL NUMBER:** R13122-202-2000

**JURISDICTION:** ISLAND COUNTY, WASHINGTON

**PROJECT DESCRIPTION:** CONSTRUCTION OF A CONCRETE FOUNDATION, ACCESS RAMP, STAIRS AND CANOPY FOR INSTALLATION OF A L&I GOLD-RATED PREFABRICATED OFFICE. OFFICE WILL HAVE MODIFICATIONS INCLUDING: INSTALLATION NEW EXTERIOR CLADDING, DOORS, & WINDOWS AS WELL AS A MODIFICATION OF THE EXISTING ELECTRICAL DESIGN.

**PROJECT DATUMS:** WSF TYPICAL VERTICAL DATUM IS MLLW ('83-'01). APPENDIX 'X' OF THE WSF TERMINAL DESIGN MANUAL PROVIDES TRANSLATION BETWEEN NAVD-88 & MLLW DATUMS AT COUPEVILLE. SUBTRACTING 1.12 FROM THE MLLW VALUE PROVIDES THE CORRESPONDING NAVD 88 VALUE.

## BUILDING CODE SUMMARY

GENERAL:

- |                        |   |
|------------------------|---|
| 1. CODE & EDITION:     | INTERNATIONAL BUILDING CODE, 2018 EDITION                                     |
| 2. JURISDICTION:       | ISLAND COUNTY, WASHINGTON   |
| 3. CONSTRUCTION:       | NEW   |
| 4. CONSTRUCTION TYPE:  | VB  |
| 5. OCCUPANCY TYPE:     | B, BUSINESS   |
| 6. HEIGHT:             | 13.66' (40'-0" MAX (TYPE V, NS)   |
| 7. BUILDING AREA:      | 441 SF NET BUILDING AREA<br>528 SF GROSS BUILDING AREA<br>1116 SF CANOPY AREA |
| 8. PARCEL AREA:        | 29 AC (LEGAL) / 22.92 (G.I.S.)  |
| 8. FIRE PROTECTION:    | UNSPRINKLERED   |
| 9. OCCUPANCY TYPE:     | B (OFFICE)  |
| 10. FUNCTION OF SPACE: | OFFICE AREA (PER IBC TABLE 1004.5)  |
| 11. OCC. LOAD FACTOR:  | 150 GROSS (PER IBC TABLE 1004.5)  |
| 12. OCCUPANTS:         | 4 (528 SF/150 OCCS/SF)  |
| 13. REQUIRED EXITS:    | 1 (PER IBC TABLE 1006.2.1)  |
| 14. EXITS PROVIDED:    | 1 PER EACH ROOM   |

## ZONING SUMMARY

GENERAL:

- |     |                      |  |
|-----|----------------------|--|
| 1.  | JURISDICTION:        | ISLAND COUNTY, WASHINGTON  |
| 2.  | ZONING CODE:         | ISLAND COUNTY ZONING CODE, CHAPT. 17.03  |
| 3.  | ZONE:                | PARKS (PK)   |
| 4.  | SHORELINE CODE:      | 17.05A ISLAND COUNTY SHORELINE MASTER PROGRAM REGULATIONS AND PROCEDURES   |
| 5.  | SHORELINE ZONE:      | HIGH INTENSITY (HI)  |
| 6.  | HISTORIC ZONE:       | EBEY'S LANDING NATIONAL HISTORIC RESERVE;<br>DESIGN REVIEW APPROVED ON 2/2/2022  |
| 7.  | CURRENT ZONING USE:  | FERRY TERMINAL   |
| 8.  | PROPOSED ZONING USE: | FERRY TERMINAL (NO CHANGE)   |
| 9.  | PARKING:             | NO CHANGE  |
| 10. | SETBACKS:            | SHORELINE SETBACKS:<br>20'-0" FROM MARINE, STEEP SLOPE BUFFERS<br><br>SHORELINE BUFFERS:<br>30'-0" MARINE BUFFER FROM OHWM<br>50'-0" STEEP SLOPE BUFFER FROM TOP OF BLUFF<br><br>PK ZONE SETBACKS:<br>20'-0" FROM ROADWAY R.O.W. AT ROAD<br>5'-0" SIDEYARD |
| 11. | HEIGHT:              | 35'-0" MAX (PK ZONE)   |

VICINITY MAP

REFER TO SUNDRY SITE PLAN

APPLICABLE CODES

## ISLAND COUNTY:

## INTERNATIONAL BUILDING CODE, 2018 EDITION

PUBLISHED BY THE INTERNATIONAL CODE COUNCIL (ICC), TOGETHER  
WITH ALL SUPPLEMENTS THERETO, MANDATED STATE AMENDMENTS  
AND SUBJECT TO THE MODIFICATIONS SET FORTH BY THE STATE OF  
WASHINGTON IN CHAPTER 51-50 WAC

## INTERNATIONAL FIRE CODE, 2018 EDITION

PUBLISHED BY THE INTERNATIONAL CODE COUNCIL (ICC), TOGETHER  
WITH ALL SUPPLEMENTS THERETO, MANDATED STATE AMENDMENTS  
AND SUBJECT TO THE MODIFICATIONS SET FORTH BY THE STATE OF  
WASHINGTON IN CHAPTER 51-54A WAC

## UNIFORM PLUMBING CODE, 2018 EDITION

PUBLISHED BY THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS, TOGETHER WITH THE WASHINGTON STATE AMENDMENTS AND SUBJECT TO THE MODIFICATIONS SET FORTH BY THE STATE OF WASHINGTON IN CHAPTER 51-56 WAC  
WASHINGTON STATE ENERGY CODE, 2018 EDITION

## WASHINGTON STATE ENERGY CODE, 2018 EDITION

DEVELOPED BY THE WASHINGTON STATE BUILDING CODE COUNCIL AND  
SET FORTH IN CHAPTER 51-11C WAC

### CODE ANALYSIS

## INTERNATIONAL BUILDING CODE:

USE & OCCUPANCY CLASSIFICATION  
(SECTION 304,&311)

BUSINESS GROUP B. BUSINESS GROUP B OCCUPANCY INCLUDES, AMONG OTHERS, THE USE OF A BUILDING OR STRUCTURE, OR A PORTION THEREOF, FOR OFFICE, PROFESSIONAL OR SERVICE-TYPE TRANSACTIONS, INCLUDING STORAGE OF RECORDS AND ACCOUNTS.

BUILDING HEIGHTS & AREAS (TABLE 504.3, 504.4, 506.2)	TYPE VB	NON-SPRINKLERED
BASIC ALLOWABLE BUILDING HEIGHT:	B:	40
BASIC ALLOWABLE NUMBER OF FLOORS:	B:	2
TOTAL ALLOWABLE BUILDING AREA:	B:	9,000 SF

**FIRE RESISTANCE REQUIREMENTS**  
(SECTION 602, TABLE 601, TABLE 602 AND TABLE 705.8)

BUILDING ELEMENT	FIRE RESISTANCE RATING FOR TYPE VB
STRUCTURAL FRAME:	0 HOURS
BEARING WALLS — EXTERIOR:	0 HOURS (IF > 10' FIRE SEPARATION)
BEARING WALLS — INTERIOR:	0 HOURS
NONBEARING WALLS/PARTITIONS — EXTERIOR:	0 HOUR
NONBEARING WALLS/PARTITIONS — INTERIOR:	0 HOUR
FLOORS (INCLUDING BEAMS & JOISTS):	0 HOURS
ROOFS (INCLUDING BEAMS & JOISTS):	0 HOURS
OPENINGS IN EXTERIOR WALLS:	UNLIMITED IF > 30' FIRE SEPARATION DISTANCE (UNPROTECTED, NON—SPRINKLERED)

MEANS OF EGRESS - CHAPTER 10

OCCUPANT LOAD AND NUMBER OF EXITS REQUIRED  
(SECTION 1004 AND TABLE 1004.1)

REFER ALSO TO LIFE SAFETY PLAN ON SHEET A00.04



OCCUPANT LOAD FACTORS:

B BUSINESS	BUSINESS AREAS	150 GROSS
------------	----------------	-----------

### EXIT CAPACITIES (SECTION 1005.3.2)

DOORS 0.2 INCH/OCC (NON-SPRINKLERED)

EACH PROGRAM SPACE PROVIDED WITH 32" MIN. CLEAR DOOR  
=  $32/0.2 = 160$  OCCUPANT EGRESS CAPACITY PER DOOR

FILE NAME: G:\Proj\CO\****					<div>7932</div> <div>REGISTERED ARCHITECT</div> <div></div> <div>RONALD M. MATYJAS</div> <div>STATE OF WASHINGTON</div>		<div></div> <div>Washington State</div> <div>Department of Transportation</div> <div>WASHINGTON STATE FERRIES</div>		SR20		A00.01
PRINTED:		LAST PRINTED BY:		FED.AID PROJ.NO.					COUPEVILLE FERRY TERMINAL		
SUBMITTAL DATE: 4/21/2023		T.WINDAHL				*-WA-***		AGENT'S OFFICE		SHEET 19	
DESIGNED BY: T. WINDAHL						REGION NO. STATE				OF	
ENTERED BY: T. WINDAHL						10 WASH				119	
CHECKED BY: R. MATYJAS						JOB NUMBER				SHEETS	
MAR PROJ ENGR: C. TORRES						20W091					
PM & ENGR MNGR: C. CHEN						CONTRACT NO.					
ASST SECRETARY: P. RUBSTELLO		REVISION		DATE		BY		00****			
					DATE		SEE CT01.00		DATE		



ABBREVIATIONS

A/C	AIR CONDITIONER	MAX	MAXIMUM
AFF	ABOVE FINISH FLOOR	MECH	MECHANICAL
ALUM	ALUMINUM	MIN	MINIMUM
AP	ACCESS PANEL	MTL	METAL
ADJ.	ADJACENT OR ADJUST	NIC	NOT IN CONTRACT
BFE	BASE FLOOD ELEVATION	NTS	NOT TO SCALE
BLDG	BUILDING	O/	OVER
BLKG	BLOCKING	OC	ON CENTER
B.O.	BOTTOM OF	OFCl	OWNER FURNISHED CONTRACTOR INSTALLED
CLG	CEILING	OFOI	OWNER FURNISHED OWNER INSTALLED
CONT	CONTINUOUS	OPNG	OPENING
CTR	CENTER	OH	OPPOSITE HAND
CL	CENTERLINE	PT	PRESSURE TREAT
DIM	DIMENSION	P-LAM	PLASTIC LAMINATE
DN	DOWN	PLYWD	PLYWOOD
DS	DOWNSPOUT	PTD	PAINTED
EA	EACH	RCP	REFLECTED CEILING PLAN
ELEC	ELECTRICAL	REF	REFERENCE
ELEV	ELEVATION	REQ'D	REQUIRED
EQUIP	EQUIPMENT	RO	ROUGH OPENING
EXIST, (E)	EXISTING	SIM	SIMILAR
FF	FINISH FLOOR	SST	STAINLESS STEEL
FTP	FARE TRANSACTION PROCESSOR	STND	STANDARD
GALV	GALVANIZED	STL	STEEL
GL	GLASS	STRUCT	STRUCTURAL
GWB	GYPSUM WALLBOARD	T.O.	TOP OF
HDG	HOT-DIPPED GALVANIZED	TYP	TYPICAL
HDR	HEADER	W/	WITH
HM	HOLLOW METAL	WD	WOOD
INSUL	INSULATION OR INSULATED	W/O	WITHOUT
MATL	MATERIAL	UNO	UNLESS NOTED OTHERWISE
		UPS	UNINTERRUPTED POWER SOURCE
		VIF	VERIFY IN FIELD

SYMBOL LEGEND

	DRAWING NUMBER		
	DRAWING TITLE		
	SECTION		
	DETAIL		
	ROOM IDENTIFICATION		
	ROOM NAME		
	ROOM NUMBER		
	ABOVE, BELOW, OR HIDDEN		
	GRID LINE		
	WINDOW/LOUVER TYPE (REF: WINDOW SCHEDULE)		
	DOOR NUMBER (REF: DOOR SCHEDULE)		
	ASSEMBLY TYPE (REF: ASSEMBLY SCHEDULE)		
	KEYNOTE		

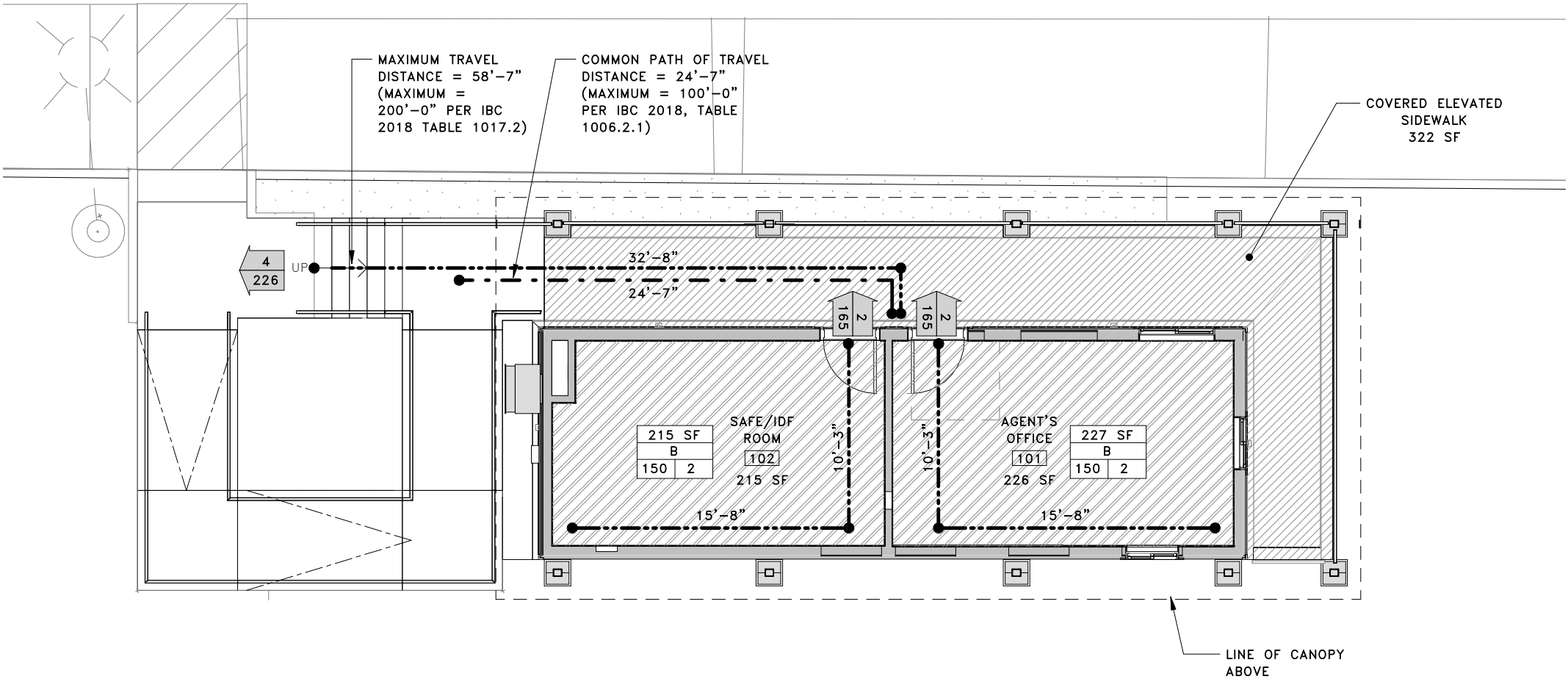
MATERIAL LEGEND

	GYPSUM BOARD
	PLYWOOD
	COVER BOARD
	BATT INSULATION
	MASONRY WALL
	FRAMED WALL
	RIGID INSULATION
	SOLID WOOD BLOCKING
	WOOD FRAMING, CONTINUOUS
	WOOD TRIM
	CONCRETE (SECTION & PLAN)

ARCHITECTURAL GENERAL NOTES

- ALL WORK SHALL CONFORM TO APPLICABLE BUILDING CODES AND ORDINANCES. WHERE MORE THAN ONE CODE OR ORDINANCE CONFLICT WITH EACH OTHER, THE MORE RESTRICTIVE CODE SHALL GOVERN
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AT THE SITE AND SHALL NOTIFY PROJECT ENGINEER IMMEDIATELY OF ANY UNCERTAINTIES OR DISCREPANCIES WITH THE DRAWINGS.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES AT THE SITE, PROTECT THEM FROM DAMAGE AND REPORT ANY DISCREPANCIES WITH THE DRAWINGS
- THE CONTRACTOR SHALL ENSURE THE HEALTH AND SAFETY OF THE PUBLIC AND ALL WHO ENTER THE BUILDING DURING CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY AND COORDINATE THE WORK OF SUBCONTRACTORS AND ALL DRAWINGS PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION
- DRAWINGS SHALL NOT BE MANUALLY SCALED. USE ONLY CALLED-OUT DIMENSIONS. NOTIFY THE PROJECT ENGINEER IMMEDIATELY OF ANY CONFLICTS
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION OF MECHANICAL AND ELECTRICAL WORK AS REQUIRED TO COMPLETE CONSTRUCTION AND SHALL PROVIDE ALL NECESSARY SHAFTS, OPENINGS, BASES AND STRUCTURAL SUPPORT FOR DUCTS, CONDUITS, AND EQUIPMENT
- DIMENSIONS ON PLANS ARE TO FACE OF STUDS, CENTER OF COLUMN, CENTER OF MULLION OR FACE OF CONCRETE UNLESS NOTED OTHERWISE
- LABORATORY TESTING AND INSPECTION REQUIRED FOR ALL EARTHWORK COMPACTION, SITE WELDING, HIGH-STRENGTH BOLTING AND ALL STRUCTURAL CONCRETE. CONTRACTOR TO PROVIDE INDEPENDENT TESTING LAB OR COORDINATE WITH A WSDOT INSPECTOR FOR ALL CODE-REQUIRED TESTING.
- CAULK WINDOW, DOOR, CORNER, AND OTHER WOOD TRIM JOINTS AFTER PRIMING, BUT PRIOR TO APPLICATION OF TOP COATS.

FILE NAME: G:\Proj\CO\****					FED.AID PROJ.NO.		7932 		SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE		A00.03	
PRINTED:	LAST PRINTED BY:											
SUBMITTAL DATE:	4/21/2023	T.WINDAHL			*-WA-***		REGION NO. STATE	10 WASH	Washington State Department of Transportation WASHINGTON STATE FERRIES	NOTES, SYMBOLS, & MATERIAL LEGEND		SHEET
DESIGNED BY:	T. WINDAHL											JOB NUMBER
ENTERED BY:	T. WINDAHL						CONTRACT NO.	00****				OF
CHECKED BY:	R. MATYJAS											119
MAR PROJ ENGR:	C. TORRES											SHEETS
PM & ENGR MNGR:	C. CHEN											
ASST SECRETARY:	P. RUBSTELLO		REVISION	DATE	BY							



COUPEVILLE LIFE SAFETY PLAN

SCALE: 1/8" = 1'-0"

LIFE SAFETY & CODE LEGEND

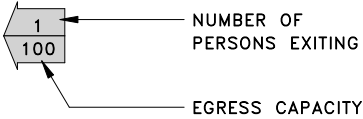
TOTAL OCCUPANTS:

SAFE/IDF ROOM:	2
AGENT'S OFFICE	2
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TOTAL	4

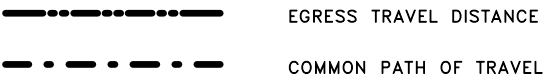
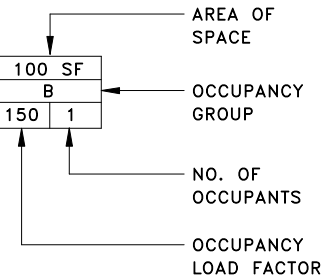
REQUIRED EGRESS WIDTH FACTORS  
(IBC SECTION 1005.3)

STAIRS	0.3	INCHES/OCCUPANT (W/O SPRINKLER)
OTHER	0.2	INCHES/OCCUPANT (W/O SPRINKLER)

EGRESS TAG



AREA & OCCUPANCY TAG

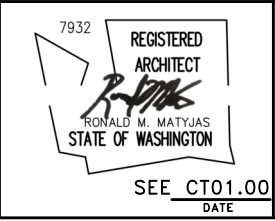


OCCUPANCY CATEGORIES AND LOAD FACTORS  
(PER IBC TABLE 1004.5)

	B	OFFICE	150 SF GROSS
	N/A	NOT INCLUDED	NO OCCUPANTS

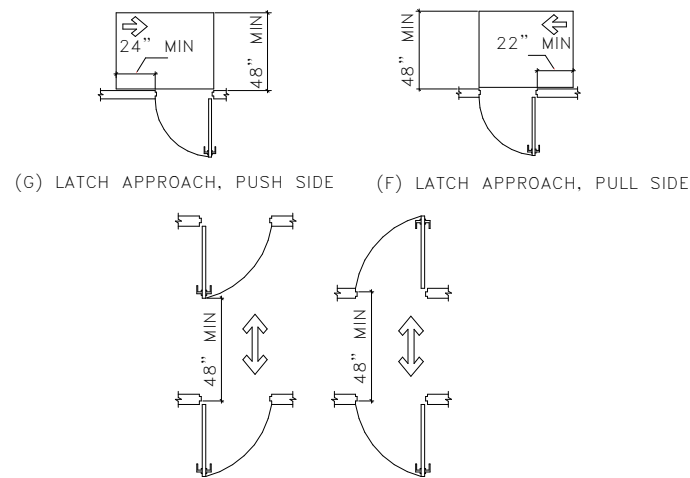
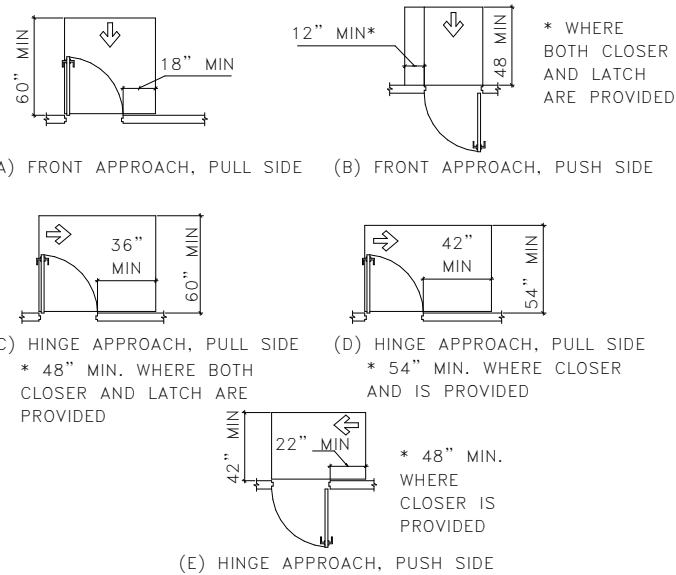
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PRINTED:	LAST PRINTED BY:				*-WA-***	
SUBMITTAL DATE: 4/21/2023	T.WINDAHL				REGION NO.	STATE
DESIGNED BY: T. WINDAHL					10	WASH
ENTERED BY: T. WINDAHL					JOB NUMBER	
CHECKED BY: R. MATYJAS					20WQ91	
MAR PROJ ENGR: C. TORRES					CONTRACT NO.	
PM & ENGR MNGR: C. CHEN					00****	
ASST SECRETARY: P. RUBSTELLO						
	REVISION	DATE	BY			

	DATE
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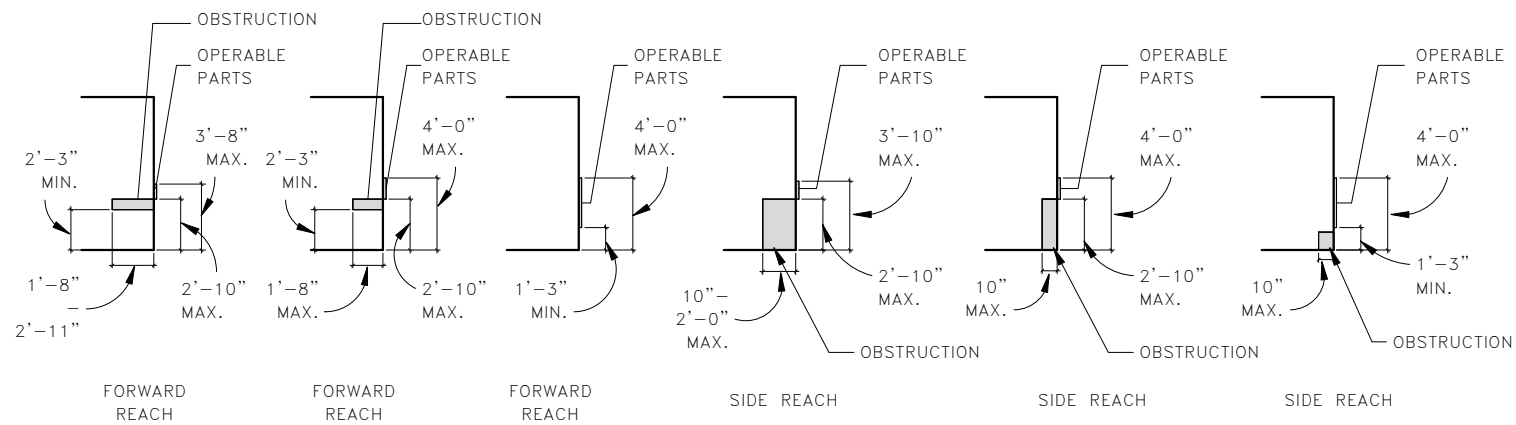


SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE LIFE SAFETY PLAN
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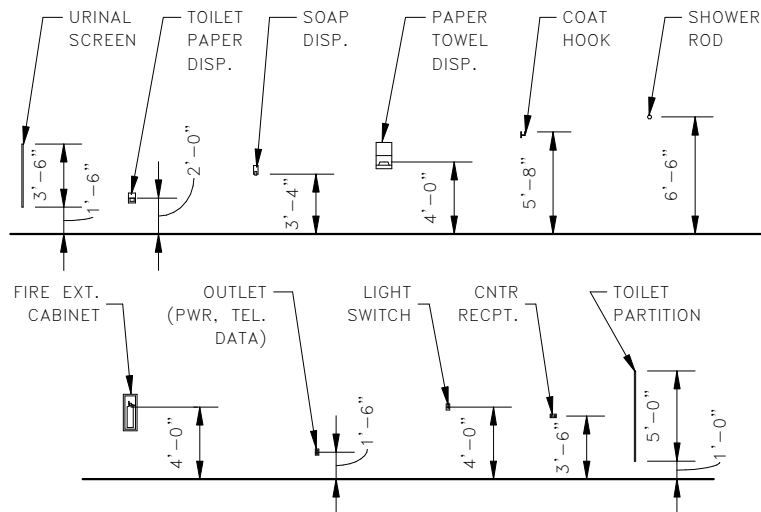
A00.04
SHEET 22 OF 119 SHEETS



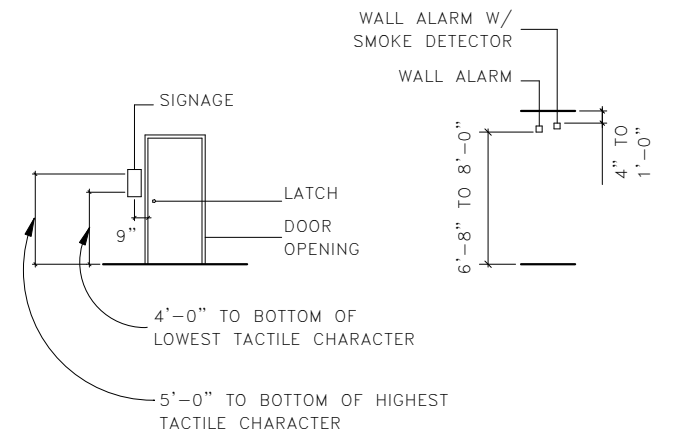
### 3. DOOR CLEARANCES



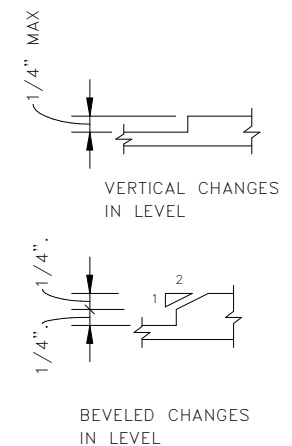
### 2. OBSTRUCTIONS



### 5. MOUNTING HEIGHTS



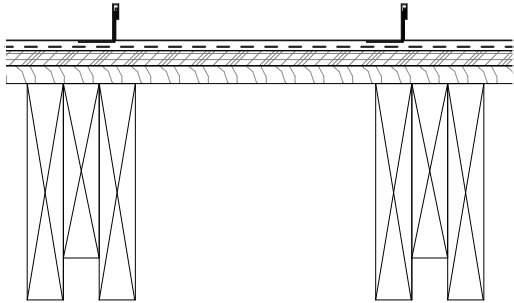
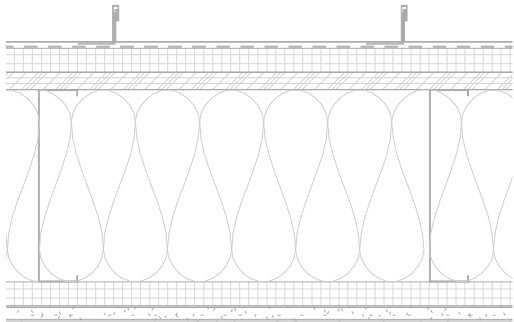
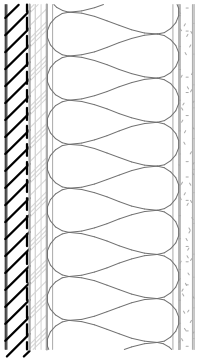
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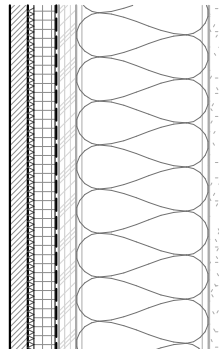
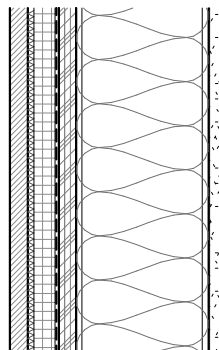
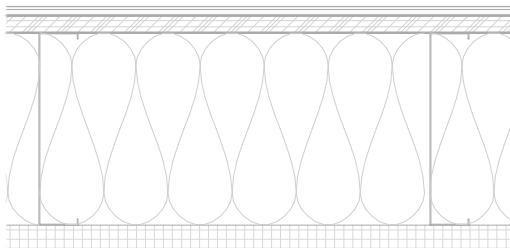
### 1. THRESHOLD/ LEVEL CHANGE

- NOTES:
- 1/4" MAX. VERTICAL LEVEL CHANGE
  - 1:2 SLOPED BEVEL REQUIRED IF MORE THAN 1/4" LEVEL CHANGE

FILE NAME: G:\Proj\CO\****					FED.AID PROJ.NO.		7932		REGISTERED ARCHITECT		SR20		A00.05	
PRINTED:					*--WA-***		R. MATYJAS		COUPEVILLE FERRY TERMINAL		SHEET		23	
SUBMITTAL DATE: 4/21/2023					REGION NO. STATE		WASHINGTON STATE OF WASHINGTON		AGENT'S OFFICE		OF		119	
DESIGNED BY: T. WINDAHL					JOB NUMBER		20WQ91		ICC/ANSI A117.1 ACCESSIBILITY DIAGRAMS		SHEETS			
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MAR PROJ ENGR: C. TORRES														
PM & ENGR MNGR: C. CHEN														
ASST SECRETARY: P. RUBSTELLO														
REVISION					DATE		BY							

ROOF ASSEMBLIES			RATINGS		
MARK	DETAIL	DESCRIPTION	FIRE	SOUND	THERMAL
<div>R-1</div>	<div>EXTERIOR</div> <div></div> <div>EXTERIOR</div>	<div>NEW CANOPY OVER RELOCATED MODULAR STRUCTURE</div> <div>EXTERIOR</div> <div><div><div></div><div></div><div></div><div></div><div></div></div><div>PREFINISHED STANDING SEAM METAL ROOFING</div><div>HIGH-TEMPERATURE UNDERLAYMENT</div><div>PLYWOOD SHEATHING PER STRUCTURAL</div><div>1X T&amp;G DECKING, STAINED</div><div>FRAMING PER STRUCTURAL, PAINTED</div></div> <div>EXTERIOR</div>	NA	NA	NA
<div>R-E</div>	<div>EXTERIOR</div> <div></div> <div>INTERIOR</div>	<div>EXISTING ROOF OF MODULAR STRUCTURE (PREVIOUSLY APPROVED BY L&amp;I)</div> <div>EXTERIOR</div> <div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div>PREFINISHED STANDING SEAM METAL ROOFING</div><div>ICE &amp; WATER SHIELD</div><div>1" RIGID INSULATION (R-6)</div><div>23/32" FRT PLYWOOD SHEATHING</div><div>8" CFM FRAMING W/ CELLULOSE INSULATION (R-28)</div><div>1" RIGID INSULATION (R-6)</div><div>5/8" TYPE 'X' GYPSUM BOARD</div></div> <div>INTERIOR</div>	NA	NA	R-40
WALL ASSEMBLIES			RATINGS		
MARK	DETAIL	DESCRIPTION	FIRE	SOUND	THERMAL
<div>W-E</div>	<div><div>(E) CLADDING TO BE REMOVED</div><div>EXISTING (W-E)</div><div></div><div>EXTERIOR</div><div>INTERIOR</div></div>	<div>EXISTING WALL ASSEMBLY (PREVIOUSLY APPROVED BY L&amp;I)</div> <div>EXTERIOR</div> <div><div><div></div><div></div><div></div><div></div><div></div></div><div>1" 24 GA. TAYLOR METALS SMOOTH WALL CLADDING (TO BE REMOVED IN THIS PROJECT)</div><div>HENRY BLUESKIN BUILDING WRAP</div><div>23/32" FRT PLYWOOD SHEATHING</div><div>5-1/2" METAL STUDS W/ BATT INSULATION (R-19)</div><div>5/8" TYPE 'X' GYPSUM BOARD</div></div> <div>INTERIOR</div>	NA	NA	R-21



WALL ASSEMBLIES (CONT'D)			RATINGS		
MARK	DETAIL	DESCRIPTION	FIRE	SOUND	THERMAL
W-1	<div><div>NEW</div><div>EXISTING (W-E)</div><div>EXTERIOR</div><div>INTERIOR</div></div>	<p>NEW WALL CLADDING OVER EXISTING WALL ASSEMBLY (PREVIOUSLY APPROVED BY L&amp;I)</p> <p>EXTERIOR</p> <ul style="list-style-type: none"><li>1X CEDAR SIDING, CHANNEL RUSTIC PATTERN, STAINED</li><li>1/4" RAINSCREEN DRAINAGE MAT</li><li>1" CONTINUOUS RIGID INSULATION (R-6)</li><li>WATER &amp; AIR BARRIER (WAB) AT NEW WALL INFILL &amp; IN AREAS IN NEED OF REPAIR/PATCHING TO PROVIDE FOR CONTINUOUS WATER-TIGHT BARRIER</li><li>EXISTING (W-E) ASSEMBLY</li></ul> <p>INTERIOR</p>	NA	NA	R-21
W-2	<div><div>NEW</div><div>EXTERIOR</div><div>INTERIOR</div></div>	<p>NEW WALL CLADDING OVER NEW WALL ASSEMBLY AT INFILL AREAS (ASSEMBLY THICKNESS TO MATCH EXISTING FOR SEAMLESS TRANSITION)</p> <p>EXTERIOR</p> <ul style="list-style-type: none"><li>1X CEDAR SIDING, CHANNEL RUSTIC PATTERN, STAINED</li><li>1/4" RAINSCREEN DRAINAGE MAT</li><li>1" CONTINUOUS RIGID INSULATION (R-6)</li><li>WATER &amp; AIR BARRIER (WAB) FOR CONTINUOUS WATER-TIGHT BARRIER</li><li>23/32" PLYWOOD SHEATHING TO MATCH ADJACENT EXISTING</li><li>5-1/2" METAL STUD FRAMING PER STRUCTURAL W/ MINERAL WOOL BATT INSULATION PER SPECIFICATIONS (R-23)</li><li>5/8" TYPE 'X' GYPSUM BOARD W/ PAINT PER SPECIFICATIONS</li></ul> <p>INTERIOR</p>	NA	NA	R-21
FLOOR ASSEMBLIES			RATINGS		
MARK	DETAIL	DESCRIPTION	FIRE	SOUND	THERMAL
F-E	<div><div>INTERIOR</div><div>EXTERIOR</div></div>	<p>EXISTING FLOOR ASSEMBLY (PREVIOUSLY APPROVED BY L&amp;I)</p> <p>INTERIOR</p> <ul style="list-style-type: none"><li>VINYL COMPOSITE TILE (VCT)</li><li>1/4" HARDIBACKER</li><li>23/32" PLYWOOD SHEATHING TO MATCH ADJACENT EXISTING</li><li>8" METAL STUD FRAMING PER STRUCTURAL W/ BATT INSULATION (R-30)</li><li>1" RIGID INSULATION (R-6)</li><li>20 GA. STAINLESS STEEL SHEET</li></ul> <p>EXTERIOR</p>	NA	NA	R-30

DOOR SCHEDULE

MARK	DOOR									FRAME		DETAIL REFERENCE			FIRE RATING LABEL	HARDWARE GROUP	REMARKS
	DOOR SIZE			FUNCTION	CONSTRUCTION	FINISH	GLASS LITE			FRAME MATERIAL	FRAME FINISH	HEAD	JAMB	SILL			
	WIDTH	HEIGHT	THICKNESS				WIDTH	HEIGHT	GLAZING								
01	3' – 0"	6' – 8"	0' – 1 3/4"	SWING	HM	HPC–2	0' – 8"	2' – 8"	IGU	HM	HPC–2	1/A05.01	1/A05.03	2/A05.01	NA	HW–01	LITE TO BE IGU W/ SAFETY & PRIVACY GLAZE
02	3' – 0"	6' – 8"	0' – 1 3/4"	SWING	HM	HPC–2	0' – 8"	2' – 8"	IGU	HM	HPC–2	1/A05.01	1/A05.03	2/A05.01	NA	HW–01	LITE TO BE IGU W/ SAFETY & PRIVACY GLAZE

## WINDOW SCHEDULE

MARK	SIZE (R.O.)		FUNCTION	FRAME	DETAIL REFERENCE			REMARKS
	WIDTH	HEIGHT			HEAD	JAMB	SILL	
01	4' - 4"	3' - 8"	SLIDING	ALUM.	2/A05.02	2/A05.03	1/A05.02	SAFETY GLAZING; EXISTING WINDOW ROUGH-OPENING; FIELD-VERIFY; PROVIDE SHADES
02	3' - 0"	4' - 0"	SLIDING	ALUM.	2/A05.02 SIM.	2/A05.03 SIM.	1/A05.02 SIM.	SAFETY GLAZING; NEW ROUGH-OPENING FRAMED IN WALL; PROVIDE SHADES
03	3' - 0"	4' - 0"	SLIDING	ALUM.	2/A05.02 SIM.	2/A05.03 SIM.	1/A05.02 SIM.	SAFETY GLAZING; EXISTING DOOR ROUGH-OPENING; FIELD-VERIFY; PROVIDE SHADES

DOOR SCHEDULE GENERAL NOTES

GENERAL:

'-' INDICATES NO WORK OR NOT APPLICABLE.

01. DOOR TYPE:

DOOR DESIGN NOMENCLATURE BASED ON THE STEEL  
DOOR INSTITUTE STANDARDS, WHERE APPLICABLE  
x/x REPRESENTS AN EQUAL SIZE PAIR OF DOORS  
FOR UNEQUAL PAIRS, SEE REMARKS  
FOR ACTIVE LEAF, SEE REMARKS

02. DOOR OPENING HEIGHT:

DOOR OPENING HEIGHT IS MEASURED FROM TOP OF  
SUBFLOOR OR SLAB PRIOR TO INSTALLATION OF  
FLOOR COVERINGS;  
UNDERCUT PER INDUSTRY STANDARD FOR DOOR TYPE  
FOR EXCEPTIONS, SEE REMARKS

### 03. DOOR CONSTRUCTION:

AL	ALUMINUM, STILE & RAIL
AL/GR	ALUMINUM, COILING GRILLE
	HOLLOW METAL, COMPOSITE CORE
GL	GLASS
HC/WD	HOLLOW CORE (WOOD OR HARDBOARD SKIN)
SC/WD	SOLID CORE (WOOD SKIN)
SE	SECTIONAL
SL	COILING SLATS
SR/WD	WOOD, STILE & RAIL
ST	STEEL
FG	FIBERGLASS
WL	SOLID CORE w/ LOUVER INFILL

04. DOOR FINISH:

HPC-# HIGH PERFORMANCE COATING  
PER SPECIFICATIONS

05. GLASS:

SEE SPECIFICATIONS FOR GLASS TYPES  
SAFETY GLASS, PER CHAPTER 13, NFPA 80  
AND IBC CHAPTER 24

06. DOOR FRAME MATERIAL:

AL	ALUMINUM
HM	HOLLOW METAL
ST	STEEL (ASSEMBLY)
WD	WOOD

07. DOOR FRAME FINISH:

HPC-2 HIGH PERFORMANCE COATING  
PER SPECIFICATIONS

### 8. HARDWARE GROUP:


REFER TO SPECIFICATIONS

### 9. REMARKS

\* - DOOR THICKNESS PER MANUFACTURER

### WINDOW SCHEDULE GENERAL NOTES

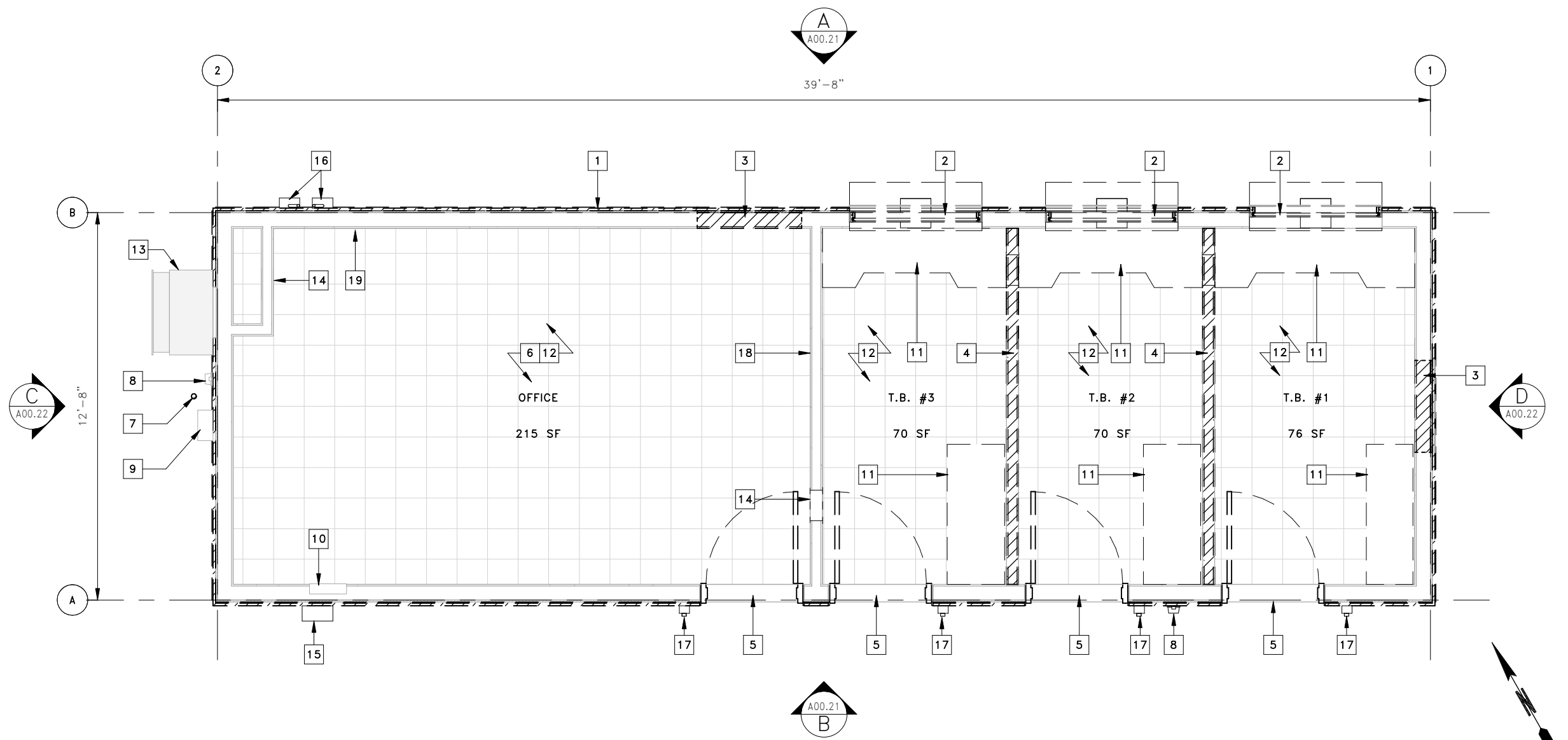
1. SAFETY GLAZING (S.G.) SHALL BE PROVIDED IN HAZARDOUS LOCATIONS, INCLUDING LOCATIONS WHERE ALL OF THE FOLLOWING EXIST AS SPECIFIED IN IBC 2406.4; EACH PANE OF SAFETY GLAZING SHALL BE IDENTIFIED WITH A PERMANENT LABEL:
  - A. GLAZING IN ALL DOORS, AND WITHIN 24" OF EITHER VERTICAL EDGE OF A DOOR.
  - B. GLAZING PANELS LARGER THAN 9 SF WITH SILLS LESS THAN 18" ABOVE THE FINISHED FLOOR AND A TOP EDGE GREATER THAN 36" ABOVE THE FINISHED FLOOR
  - C. GLAZING IN ALL GUARDS AND RAILINGS
  - D. GLAZING ADJACENT TO STAIRWAYS, LANDINGS, AND RAMPS WITHIN 36" HORIZONTALLY OF A WALKING SURFACE
  - E. GLAZING WITHIN 60" HORIZONTALLY OF THE BOTTOM TREAD OF A STAIRWAY IN ANY DIRECTION
2. WINDOWS ARE SHOWN AT R.O. DIMENSIONS UNLESS NOTED OTHERWISE. AT OPENINGS WHERE A ROUGH OPENING DIMENSION IS PROVIDED, CONTRACTOR TO VERIFY ACTUAL WINDOW DIMENSION WITH WINDOW MFR. AND INSTALLER. WHERE FINISH DIMENSIONS ARE PROVIDED, CONTRACTOR SHALL PLAN FOR ROUGH OPENINGS BASED ON DETAILS & MANUFACTURER RECOMMENDED SPACING
3. ALL EXTERIOR WINDOWS AND GLAZED DOORS SHALL BE NFRC CERTIFIED AND LABELED, UNO
4. U-VALUES & SHGC VALUES INDICATED IN SCHEDULE ARE FOR THE OVERALL WINDOW ASSEMBLY INCLUDING GLASS & FRAME; VALUES ARE FROM BASIS-OF-DESIGN FRAME MANUFACTURER'S LITERATURE IN COMBINATION W/ BASIS-OF-DESIGN GLAZING; CONTRACTOR TO ALERT PROJECT ENGINEER TO ANY FINAL NFRC RATINGS THAT DEVIATE FROM SCHEDULED U & SHGC VALUES

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SHEET 26 OF 119 SHEETS																							
PRINTED:		LAST PRINTED BY:		FED.AID PROJ.NO.		*—WA—***		REGION NO. STATE		10 WASH		JOB NUMBER 20W091		CONTRACT NO. 00****		DATE		BY		REVISION		DATE	
SUBMITTAL DATE: 4/21/2023		T.WINDAHL																					
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KEYNOTES

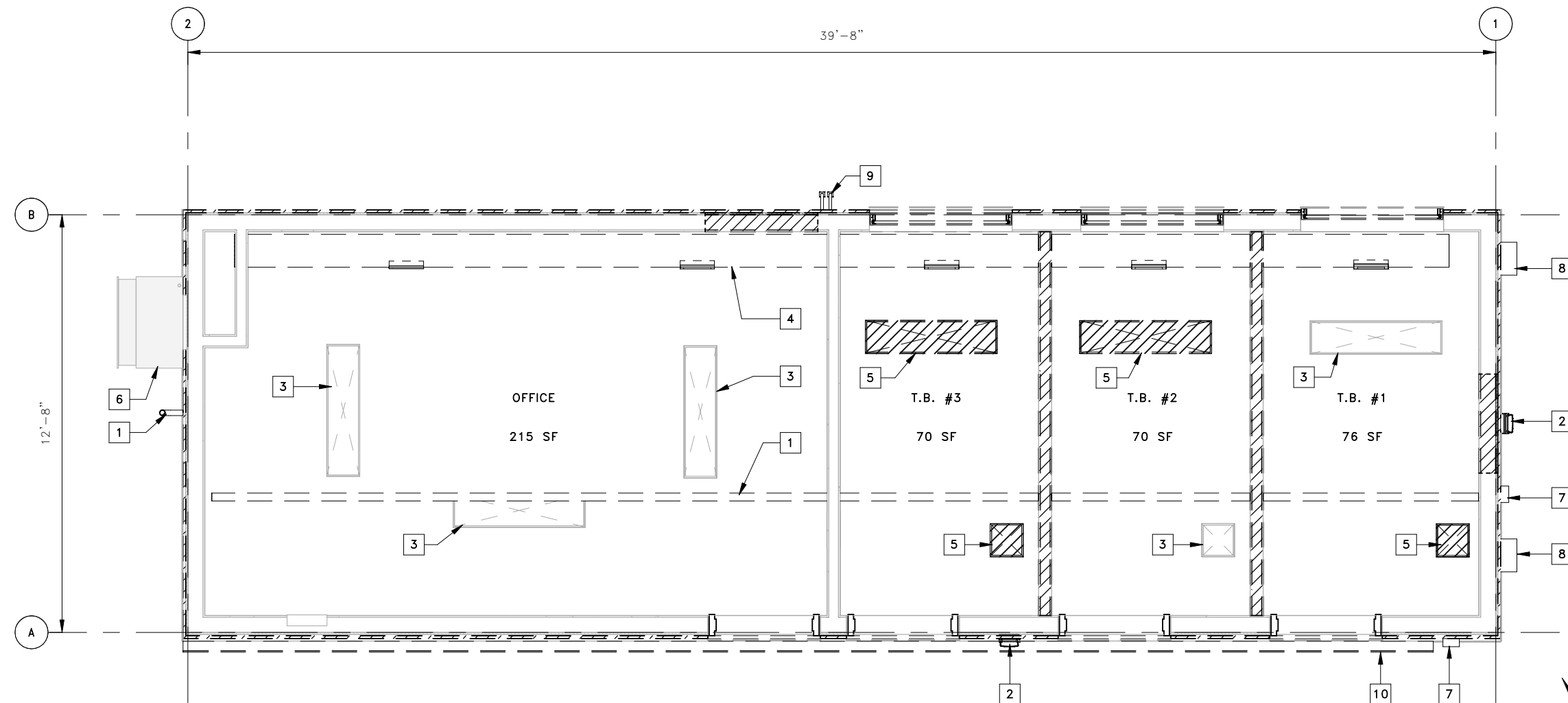
- 1 REMOVE EXISTING METAL SIDING; PROTECT ROOF & BASE FLASHING FROM DAMAGE; REPAIR ANY INCIDENTAL DAMAGE TO COMPONENTS INTENDED TO REMAIN
- 2 REMOVE EXISTING WINDOW & TRANSACTION TRAY
- 3 REMOVE PORTION OF EXISTING EXTERIOR WALL
- 4 REMOVE EXISTING INTERIOR PARTITION
- 5 REMOVE EXISTING DOOR AND FRAME
- 6 EXISTING VINYL FLOOR TILE TO REMAIN IN THIS AREA, TYP.
- 7 REMOVE EXISTING SPRINKLER PIPE
- 8 EXISTING EXTERIOR RECEPTACLE & COVER
- 9 EXISTING ELECTRICAL BOX TO REMAIN FOR COMMUNICATION SERVICE ENTRANCE; REFER TO ELECTRICAL
- 10 EXISTING ELECTRICAL PANEL
- 11 REMOVE & SALVAGE EXISTING CASEWORK, TYP.
- 12 REMOVE ALL EXISTING WALL BASE WITHIN SPACE & PREPARE WALL FOR NEW WALL BASE INSTALLATION
- 13 EXISTING MECHANICAL UNIT TO REMAIN/ PREPARE SURFACE FOR NEW PAINT FINISH
- 14 EXISTING WALL GRILLE TO REMAIN
- 15 REMOVE EXISTING ELECTRICAL BOX
- 16 REMOVE EXISTING ELECTRICAL OUTLETS & CONDUIT
- 17 REMOVE EXISTING CARD READER & CONDUIT
- 18 EXISTING GWB PARTITION TO REMAIN
- 19 PATCH & REPAIR EXISTING GWB CUTS IN THIS LOCATION; REPLACE DRYWALL & FINISH FOR SEAMLESS VISUAL APPEARANCE



EXISTING / DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

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CHECKED BY:		R. MATYJAS					JOB NUMBER														
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ASST SECRETARY:		P. RUBSTELLO		REVISION		DATE		BY													
					DATE																



# KEYNOTES

- 1 REMOVE EXISTING SPRINKLER PIPE
- 2 REMOVE EXISTING LIGHT FIXTURE & J-BOX
- 3 EXISTING LIGHT FIXTURE TO REMAIN, TYP.; REFER TO ELECTRICAL
- 4 EXISTING 12" Ø DUCT TO BE REMOVED; PREPARE FOR INSTALLATION OF (N) DUCT
- 5 MOVE EXISTING LIGHT FIXTURE TO NEW LOCATION PER ELECTRICAL; PATCH AND REPAIR CEILING AT AREA OF REMOVAL FOR SEAMLESS VISUAL APPEARANCE WITH ADJACENT SURFACE, TYP.
- 6 EXISTING MECHANICAL UNIT TO REMAIN/ PREPARE SURFACE FOR NEW PAINT FINISH
- 7 REMOVE EXISTING SECURITY CAMERA J-BOX & WIRING
- 8 REMOVE EXISTING ELECTRICAL BOX
- 9 REMOVE EXISTING UTILITY PIPES
- 10 REMOVE EXISTING GUTTER, DOWNSPOUT, & HARDWARE

1 EXISTING / DEMOLITION REFLECTED CEILING PLAN  
A00.21  
SCALE: 1/4" = 1'-0"

FILE NAME: G:\Proj\CO\\*\*\*\*

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10 WASH

JOB NUMBER

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CONTRACT NO.

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**Washington State**  
**Department of Transportation**  
WASHINGTON STATE FERRIES

SR20  
COUPEVILLE FERRY TERMINAL  
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EXISTING/DEMOLITION RCP

A00.12

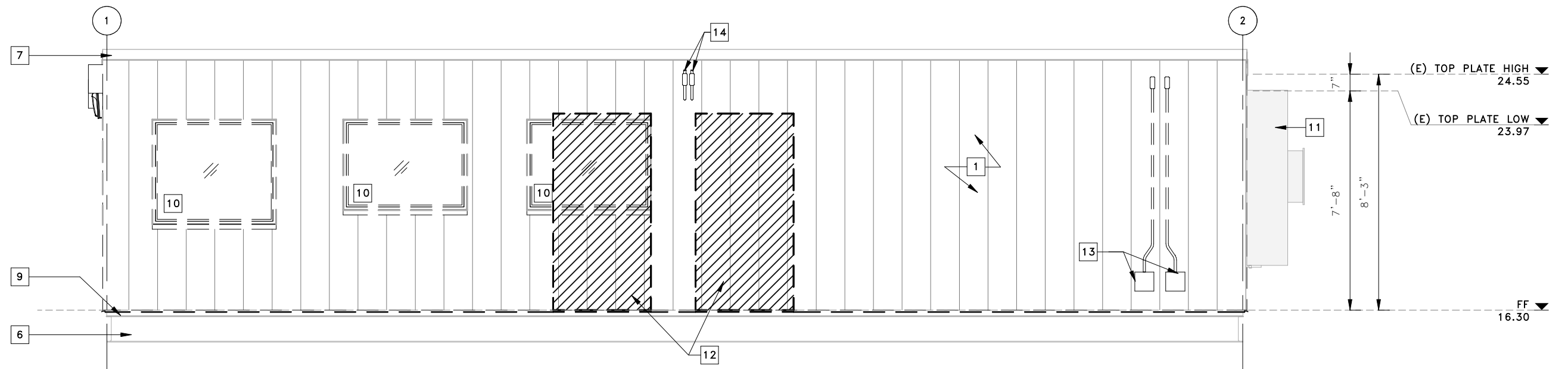
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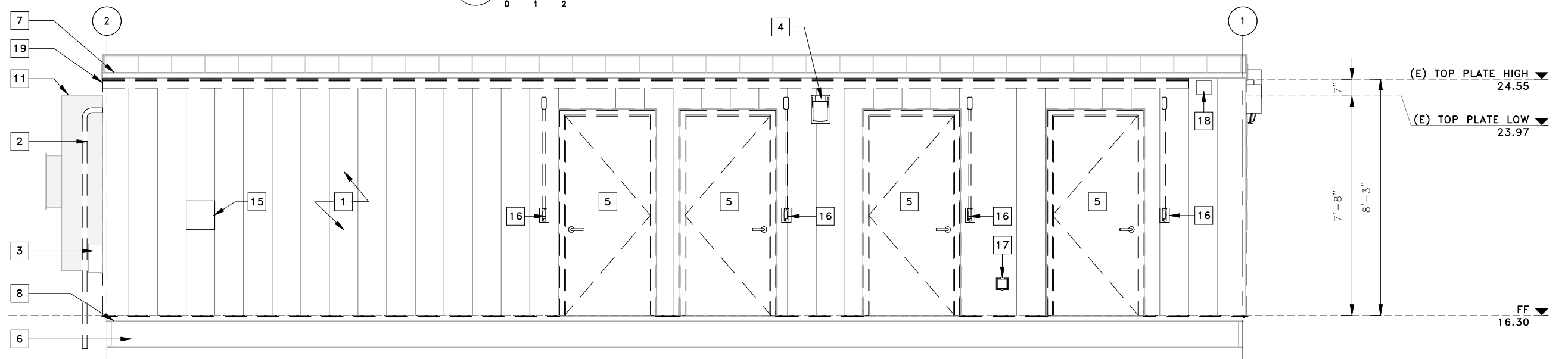
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**A NORTH ELEVATION – DEMOLITION**  
 A00.11 SCALE: 1/4" = 1'-0"



**B SOUTH ELEVATION – DEMOLITION**  
 A00.11 SCALE: 1/4" = 1'-0"

**KEYNOTES**

- |   |   |   |   |   |
|---|---|---|---|---|
| 1 REMOVE EXISTING METAL SIDING; PROTECT ROOF & BASE FLASHING FROM DAMAGE; REPAIR ANY INCIDENTAL DAMAGE TO COMPONENTS INTENDED TO REMAIN | 4 REMOVE EXISTING LIGHT FIXTURE & J-BOX                 | 9 EXISTING BASE FLASHING TO REMAIN; PROTECT DURING DEMO                     | 12 REMOVE PORTION OF EXISTING WALL AS INDICATED FOR INSTALLATION OF NEW DOORS; REFER TO PROPOSED PLAN & STRUCTURAL DRAWINGS | 16 REMOVE EXISTING CARD READER & CONDUIT          |
| 2 REMOVE EXISTING SPRINKLER PIPE  | 5 REMOVE EXISTING DOOR AND FRAME                        | 10 REMOVE EXISTING WINDOW & TRANSACTION TRAY                                | 13 REMOVE EXISTING ELECTRICAL OUTLETS & CONDUIT   | 17 REMOVE EXISTING ELECTRICAL OUTLET              |
| 3 EXISTING ELECTRICAL BOX TO REMAIN FOR COMMUNICATION SERVICE ENTRANCE; REFER TO ELECTRICAL   | 6 EXISTING WIDE-FLANGE SKID                             | 11 EXISTING MECHANICAL UNIT TO REMAIN/ PREPARE SURFACE FOR NEW PAINT FINISH | 14 REMOVE EXISTING UTILITY PIPES  | 18 REMOVE EXISTING SECURITY CAMERA J-BOX & WIRING |
|   | 7 EXISTING ROOF FLASHING TO REMAIN; PROTECT DURING DEMO |   | 15 REMOVE EXISTING ELECTRICAL BOX   | 19 REMOVE EXISTING GUTTER, DOWNSPOUT, & HARDWARE  |
|   | 8 EXISTING BASE FLASHING                                |   |   |   |

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10 WASH

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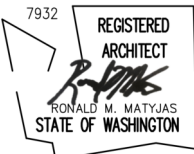
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**Department of Transportation**  
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SR20  
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EXISTING/DEMO BUILDING ELEVATIONS

A00.21

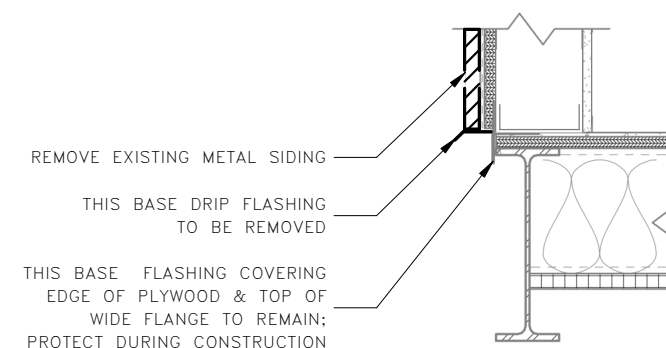
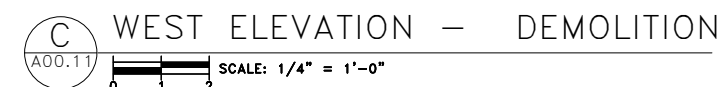
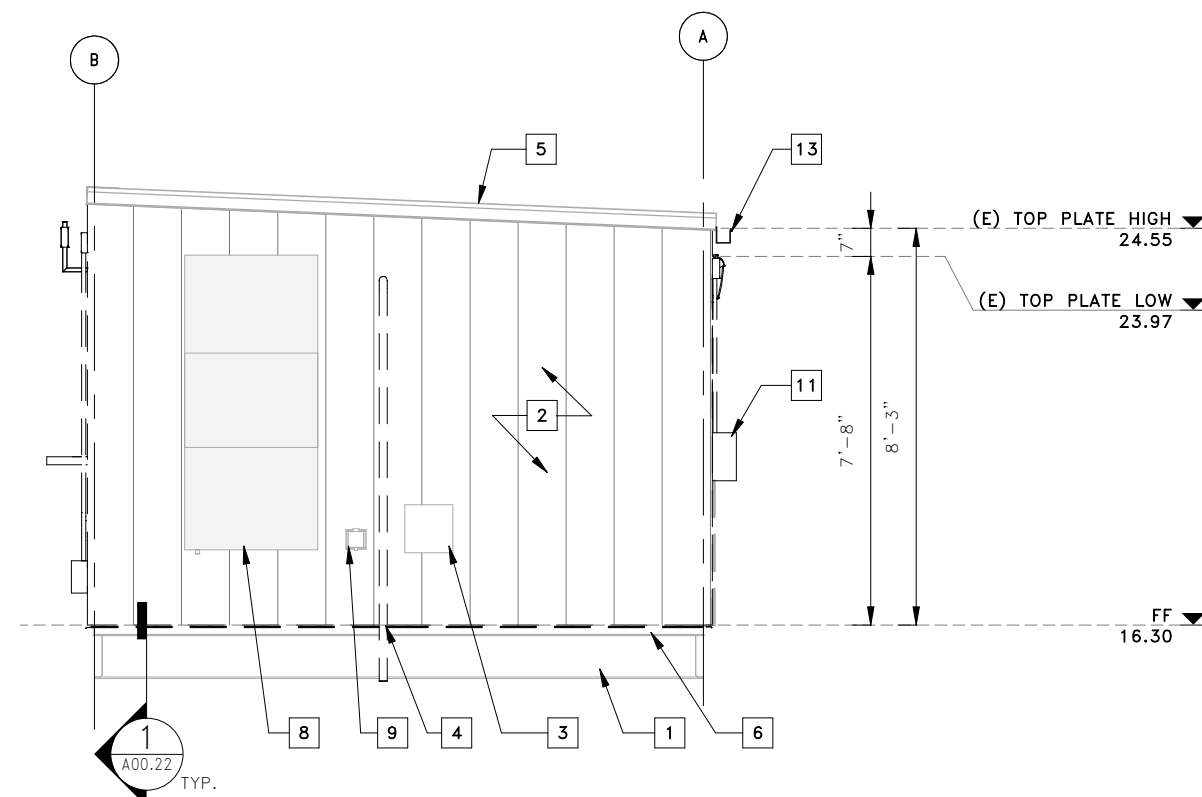
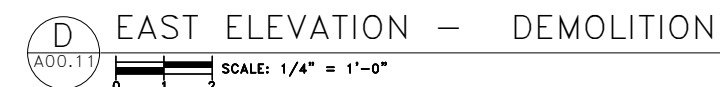
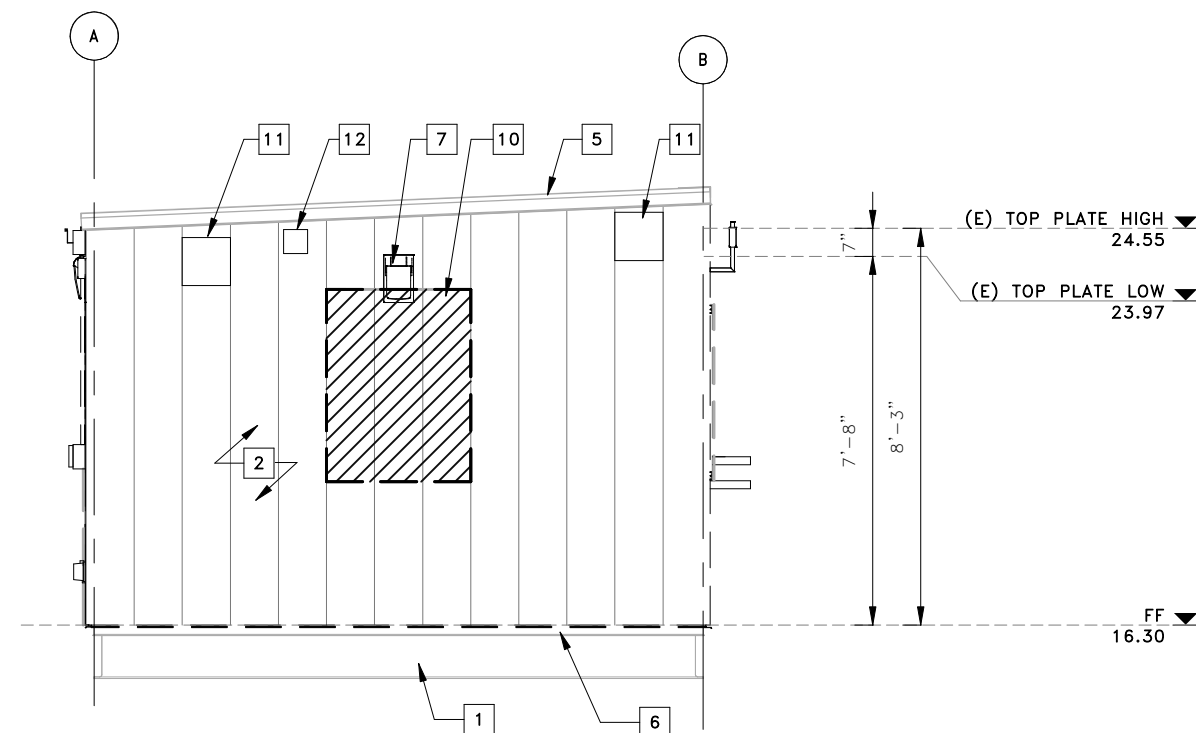
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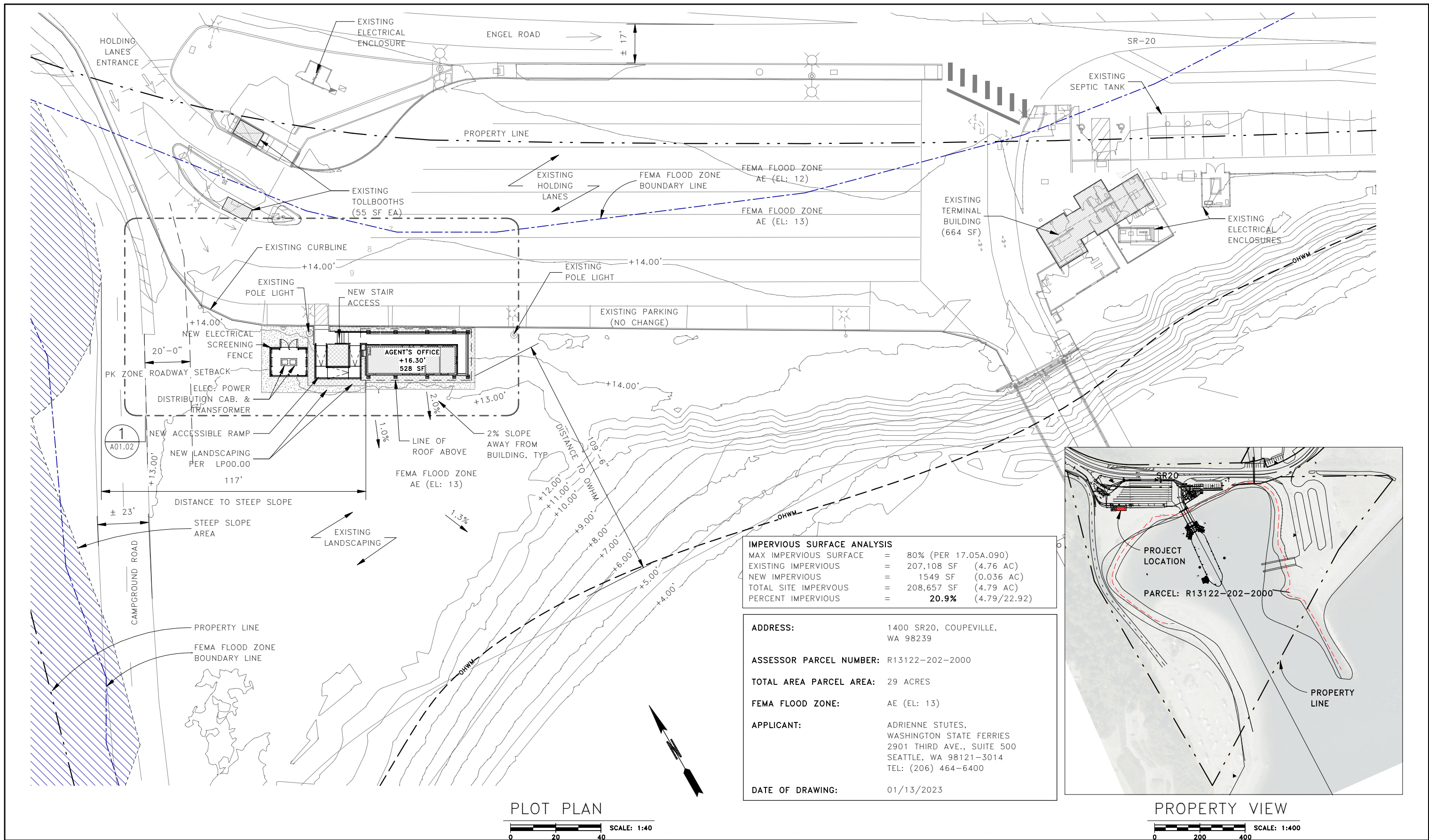
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- ## KEYNOTES

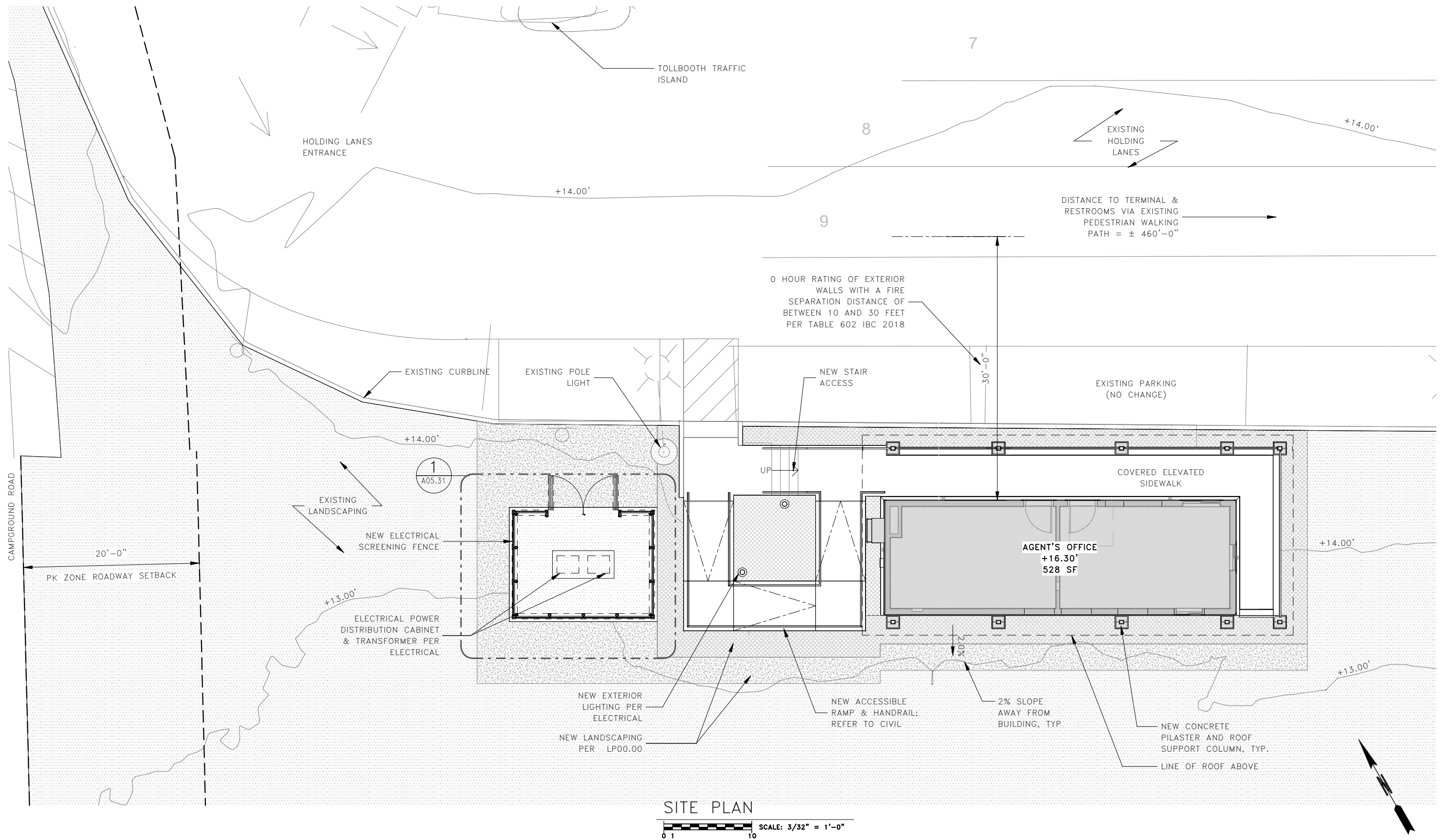
- 1 EXISTING WIDE-FLANGE SKID
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- 6 EXISTING BASE FLASHING TO REMAIN; PROTECT DURING DEMO
- 7 REMOVE EXISTING LIGHT FIXTURE & J-BOX
- 8 EXISTING MECHANICAL UNIT TO RECEIVE NEW PAINT FINISH
- 9 EXISTING EXTERIOR RECEPTACLE & COVER
- 10 REMOVE PORTION OF EXISTING WALL AS INDICATED FOR INSTALLATION OF NEW WINDOW; REFER TO PROPOSED PLAN & STRUCTURAL DRAWINGS
- 11 REMOVE EXISTING ELECTRICAL BOX
- 12 REMOVE EXISTING SECURITY CAMERA J-BOX & WIRING
- 13 REMOVE EXISTING GUTTER, DOWNSPOUT. & HARDWARE

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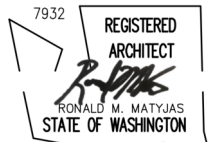
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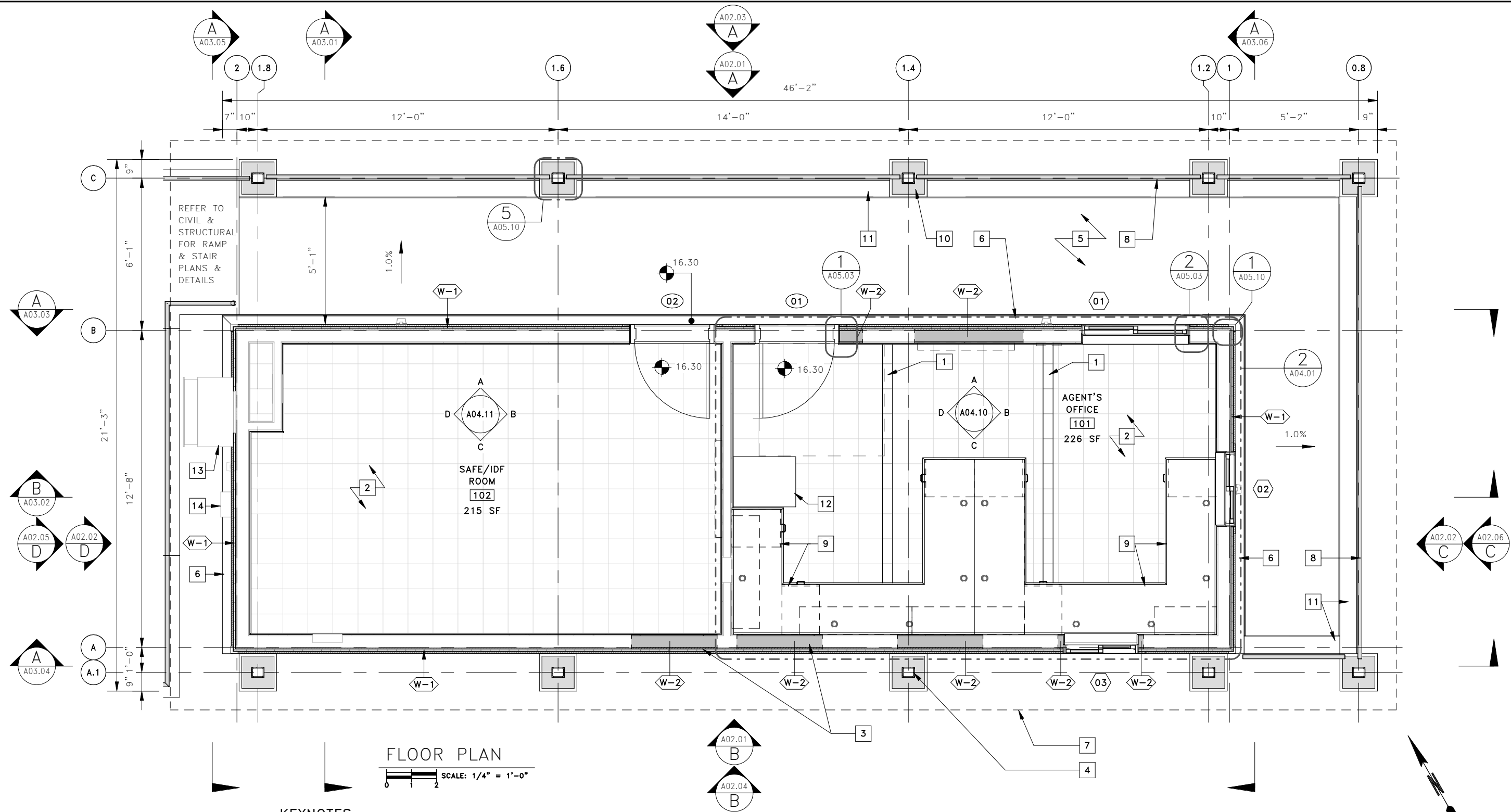


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SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE	
ARCHITECTURAL SITE PLAN	

A01.02
SHEET
32
OF
119
SHEETS



KEYNOTES

- |  |  |   |   |  |
|--|--|---|---|--|
| 1 PATCH & REPAIR FLOOR FINISH AT AREA OF PARTITION REMOVAL; MATCH ADJACENT FINISH FOR SEAMLESS VISUAL APPEARANCE | 3 NEW WALL INFILL AT AREA OF DOOR/WINDOW REMOVAL; MATCH DEPTH, INSULATION, & FINISH OF ADJACENT WALLS FOR SEAMLESS VISUAL APPEARANCE, TYP. | 5 CONCRETE SLAB ON GRADE PER STRUCTURAL | 9 NEW CASEWORK; REFER TO ENLARGED PLAN & DETAILS              | 12 SAFE & CUSTOM STAND, OFOI   |
| 2 EXISTING VINYL FLOOR TILE TO REMAIN IN THIS AREA, TYP.   | 4 HSS COLUMN PER STRUCTURAL, PAINTED   | 6 CONCRETE STEMWALL PER STRUCTURAL      | 10 PRE-FINISHED BRAKE METAL ENCLOSURE AT COL. BASEPLATE, TYP. | 13 EXISTING MECHANICAL UNIT TO RECEIVE NEW PAINT FINISH                                      |
|  |  | 7 LINE OF CANOPY ROOF ABOVE             | 11 CONCRETE FOUNDATION WALL PER STRUCTURAL                    | 14 EXISTING ELECTRICAL BOX TO REMAIN FOR COMMUNICATION SERVICE ENTRANCE; REFER TO ELECTRICAL |
|  |  | 8 METAL RAILING, PAINTED                |   |  |

FILE NAME: G:\Proj\CO\\*\*\*\*

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MAR PROJ ENGR: C. TORRES  
PM & ENGR MNGR: C. CHEN  
ASST SECRETARY: P. RUBSTELLO

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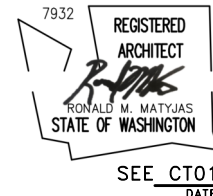
REVISION

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BY

FED.AID  
PROJ.NO.  
\*-WA-\*\*\*  
REGION NO. STATE  
10 WASH  
JOB NUMBER  
20W091  
CONTRACT NO.  
00\*\*\*\*

DATE

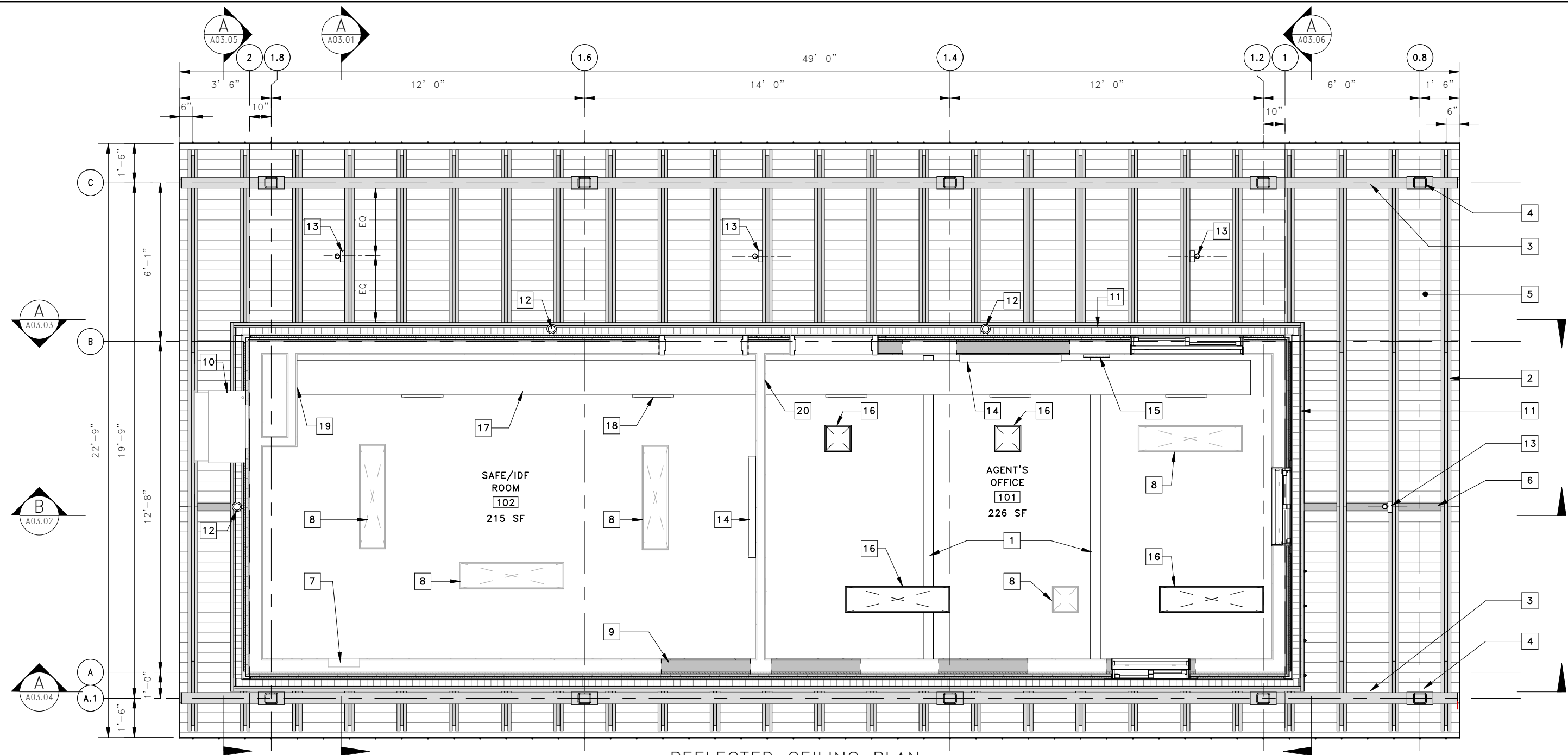


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SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
FLOOR PLAN

A01.03  
SHEET  
33  
OF  
119  
SHEETS



### KEYNOTES

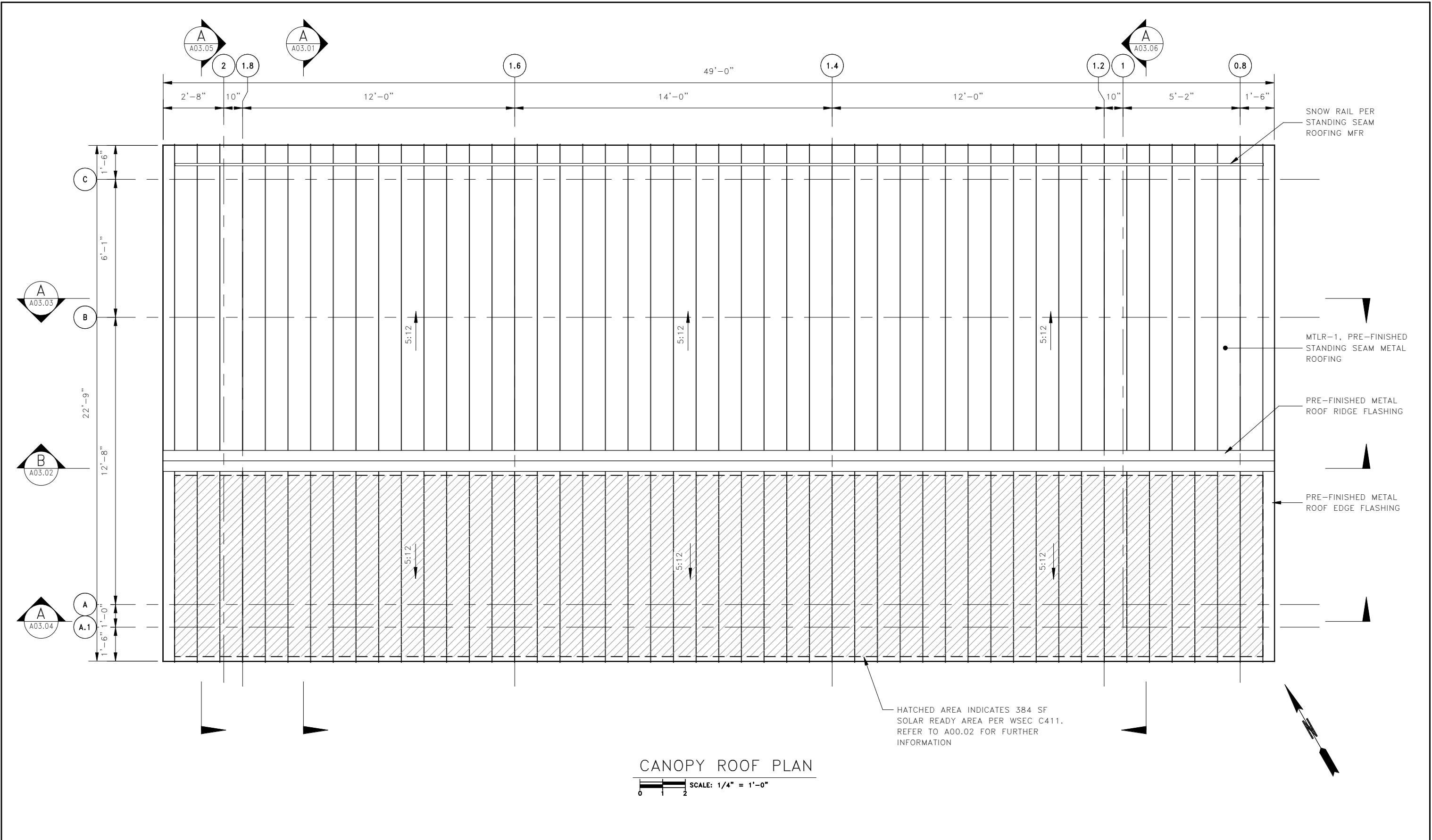
- PATCH & REPAIR CEILING FINISH AT AREA OF PARTITION REMOVAL FOR SEAMLESS VISUAL APPEARANCE WITH ADJACENT FINISHES
- BUILT-UP WOOD ROOF TRUSS PER STRUCTURAL; PNT-2
- GLULAM BEAM PER STRUCTURAL; PNT-2
- HSS COLUMN PER STRUCTURAL, PAINTED
- 1X T&G DECKING PER STRUCTURAL; WRT-2
- 4X BLOCKING PER STRUCTURAL; PNT-2
- EXISTING ELECTRICAL PANEL
- EXISTING LIGHT FIXTURE TO REMAIN, TYP.; REFER TO ELECTRICAL
- NEW WALL INFILL AT AREA OF DOOR/WINDOW REMOVAL; MATCH DEPTH, INSULATION, & FINISH OF ADJACENT WALLS FOR SEAMLESS VISUAL APPEARANCE, TYP.
- EXISTING MECHANICAL UNIT TO RECEIVE NEW PAINT FINISH
- CONTINUOUS PERFORATED BRAKE METAL, TYP
- NEW SCONCE PER ELECTRICAL; CENTER ON SIDING
- LED MONOPOINT PER ELECTRICAL
- WALL MTD. MONITOR PER ELEC; OFCI
- WALL MTD. CLOCK, OFOI
- EXISTING LIGHT FIXTURE IN NEW LOCATION; REFER TO ELECTRICAL
- NEW 16X8 DUCT W/ PNT-1 FINISH
- PROVIDE SUPPLY GRILLES IN SAME LOCATION, QUANTITY, & CAPACITY AS PREVIOUS
- CONNECT NEW DUCT TO EXISTING MECHANICAL UNIT; PATCH & REPAIR ALL FINISHES AT AREA OF INSTALLATION
- MODIFY PARTITION FRAMING AS REQ'D FOR INSTALLATION OF NEW DUCT; PATCH & REPAIR FINISHES AT LOCATION OF PENETRATION FOR SEAMLESS VISUAL APPEARANCE WITH ADJACENT FINISH


### REFLECTED CEILING PLAN

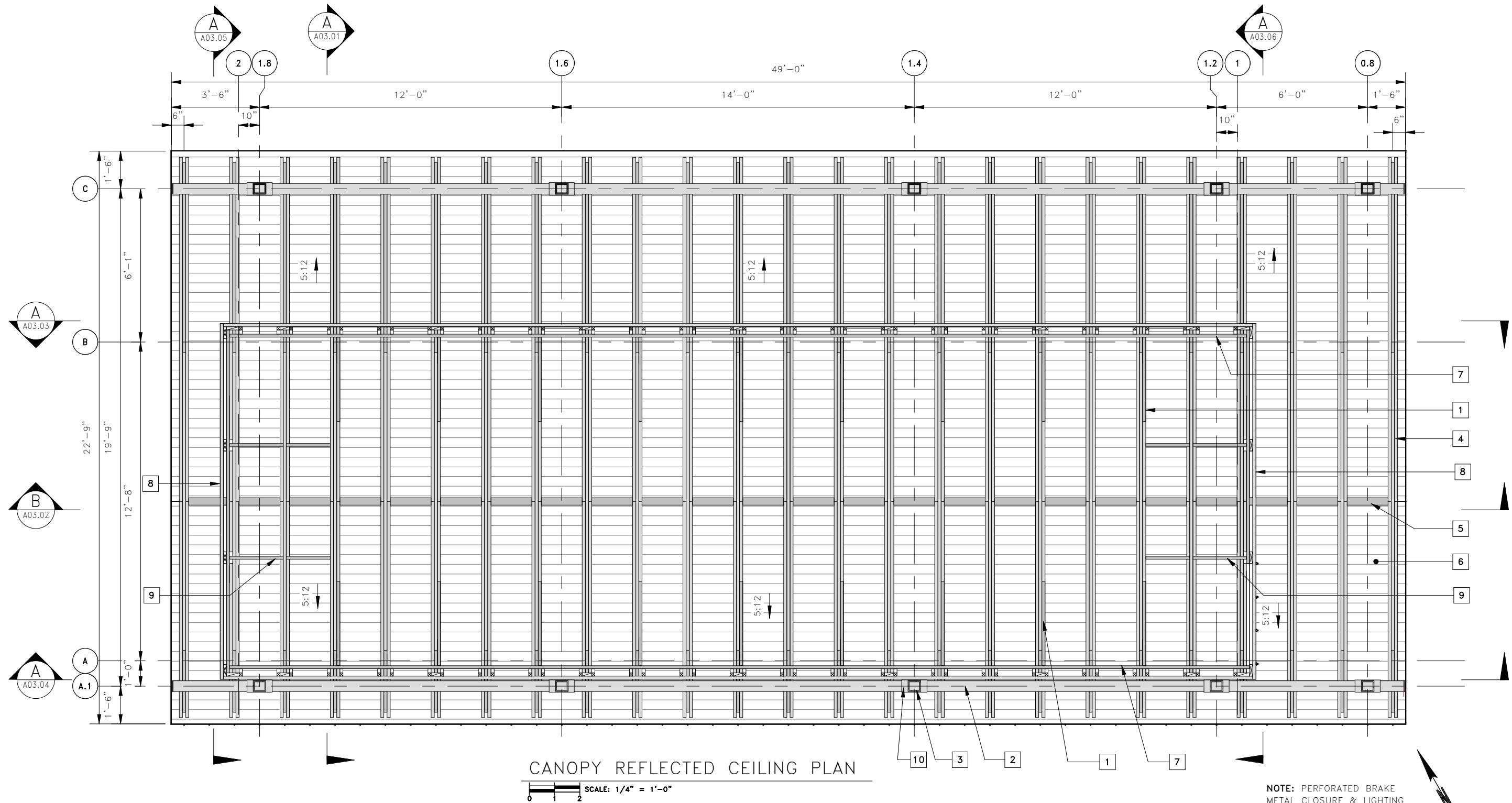
SCALE: 1/4" = 1'-0"

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PRINTED:					LAST PRINTED BY:															FED.AID PROJ.NO.															COUPEVILLE FERRY TERMINAL										SHEET																																												
SUBMITTAL DATE: 4/21/2023					T.WINDAHL															*-WA-***															AGENT'S OFFICE										34																																												
DESIGNED BY: T. WINDAHL																				REGION NO. STATE															REFLECTED CEILING PLAN										OF																																												
ENTERED BY: T. WINDAHL																				10 WASH																																																																					
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ASST SECRETARY: P. RUBSTELLO										REVISION					DATE					BY					00****																									119																																							
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FILE NAME: G:\Proj\CO\****					FED.AID PROJ.NO.		7932 REGISTERED ARCHITECT <i>R. Matyjas</i> RONALD M. MATYJAS STATE OF WASHINGTON		 Washington State Department of Transportation WASHINGTON STATE FERRIES		SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE CANOPY ROOF PLAN		A01.05
PRINTED:	LAST PRINTED BY:												
SUBMITTAL DATE:	4/21/2023	T.WINDAHL			*-WA-***								SHEET 35 OF 119 SHEETS
DESIGNED BY:	T. WINDAHL				REGION NO. STATE		10 WASH						
ENTERED BY:	T. WINDAHL				JOB NUMBER		20W091						
CHECKED BY:	R. MATYJAS				CONTRACT NO.		00****						
MAR PROJ ENGR:	C. TORRES												
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		REVISION	DATE	BY									



CANOPY REFLECTED CEILING PLAN

SCALE: 1/4" = 1'-0"

KEYNOTES

- 1 2X4 KICKER AT 4'-0" O.C.; SECURED TO TRUSS

2 GLULAM BEAM PER STRUCTURAL; PNT-2

3 HSS COLUMN PER STRUCTURAL, PAINTED
- 4 BUILT-UP WOOD ROOF TRUSS PER STRUCTURAL; PNT-2

5 4X BLOCKING PER STRUCTURAL; PNT-2

6 1X T&G DECKING PER STRUCTURAL; WRT-2
- 7 CONTINUOUS 2X6 CANOPY SCREEN SUPPORT BEHIND VERTICALS; PNT-2, TYP.

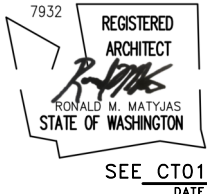
8 CANOPY SCREEN AT GABLE-END

9 2X4 GABLE END SCREEN SUPPORT AT EACH SCREEN VERTICAL; PNT-2, TYP.

NOTE: PERFORATED BRAKE METAL CLOSURE & LIGHTING NOT SHOWN FOR CLARITY

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MAR PROJ ENGR: C. TORRES				20W091
PM & ENGR MNGR: C. CHEN				CONTRACT NO.
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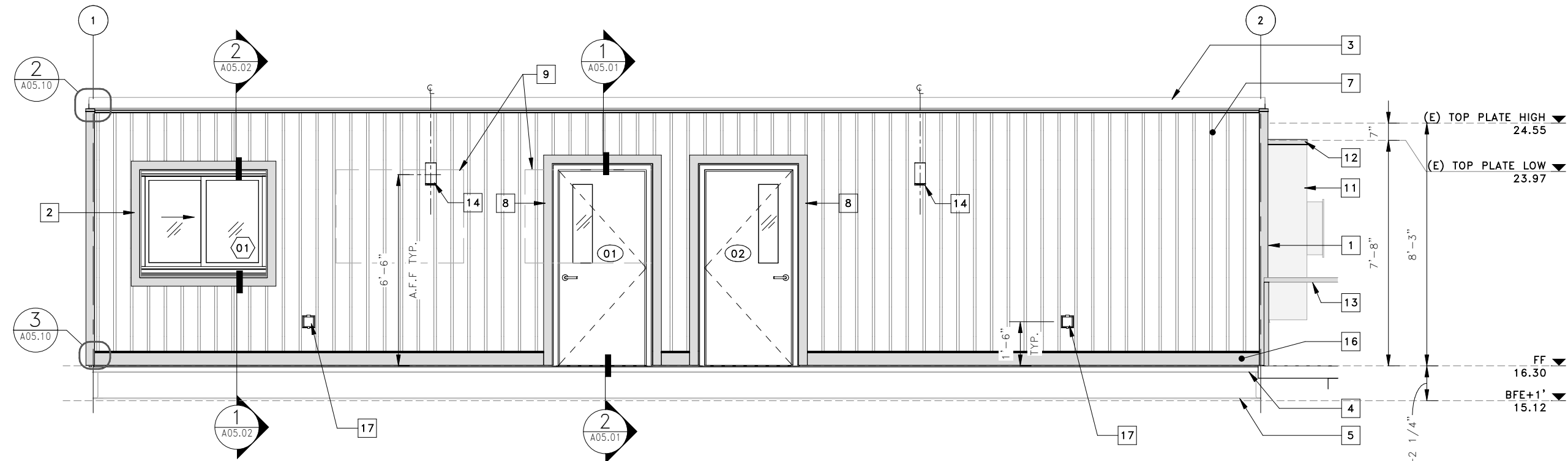
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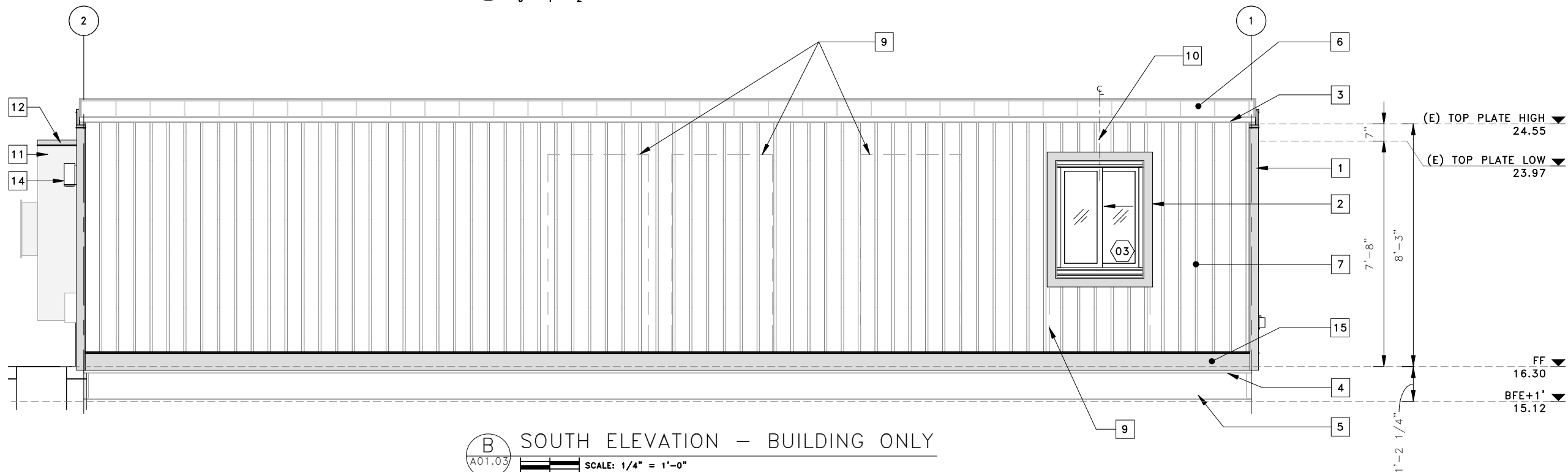
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SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE	A01.06
	SHEET 36 OF 119 SHEETS
CANOPY REFLECTED CEILING PLAN	



**A** NORTH ELEVATION – BUILDING ONLY  
A01.03 SCALE: 1/4" = 1'-0"



**B** SOUTH ELEVATION – BUILDING ONLY  
A01.03 SCALE: 1/4" = 1'-0"

# KEYNOTES

- 1 5/4X POLYASH CORNER TRIM; PNT-2
- 2 5/4X4 POLYASH WINDOW TRIM; PNT-2
- 3 EXISTING ROOF FLASHING, PTD.
- 4 EXISTING BASE FLASHING
- 5 EXISTING WIDE-FLANGE SKID
- 6 EXISTING STANDING SEAM METAL ROOF
- 7 WD SDG; 1X CEDAR SIDING, STN-1
- 8 5/4X4 POLYASH DOOR TRIM; PNT-2
- 9 OUTLINE OF PREVIOUS OPENING
- 10 CENTER SIDING ON WINDOW OPENING
- 11 EXISTING MECHANICAL UNIT TO RECEIVE NEW PAINT FINISH
- 12 PRE-FINISHED DRIP-FLASHING CAP OVER (E) MECH UNIT WITH THRU-FLASHING EXTENSION BEHIND SIDING
- 13 METAL RAILING, PAINTED
- 14 NEW SCOSCE PER ELECTRICAL; CENTER ON SIDING
- 15 5/4X8 POLYASH TRIM; PNT-2
- 16 5/4X6 POLYASH TRIM; PNT-2
- 17 WEATHER RESISTANT GFI RECEPTACLE WITH WATERPROOF COVER PER ELECTRICAL

## NOTE:

ALL PROJECT ELEVATIONS ARE BASED ON THE MLLW DATUM; REFER TO PROJECT INFORMATION ON A001.01 FOR TRANSLATION TO NAVD88 VALUES

FILE NAME: G:\Proj\CO\\*\*\*\*

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SUBMITTAL DATE: 12/07/2023

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MAR PROJ ENGR: C. TORRES

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ASST SECRETARY: P. RUBSTELLO

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T.WINDAHL

REVISION

DATE

BY

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PROJ.NO.

\*-WA-\*\*\*

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10 WASH

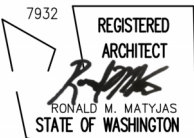
JOB NUMBER

20W091

CONTRACT NO.

00\*\*\*\*

DATE



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**Washington State**  
**Department of Transportation**  
WASHINGTON STATE FERRIES

SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
ELEVATIONS – BUILDING ONLY

A02.01

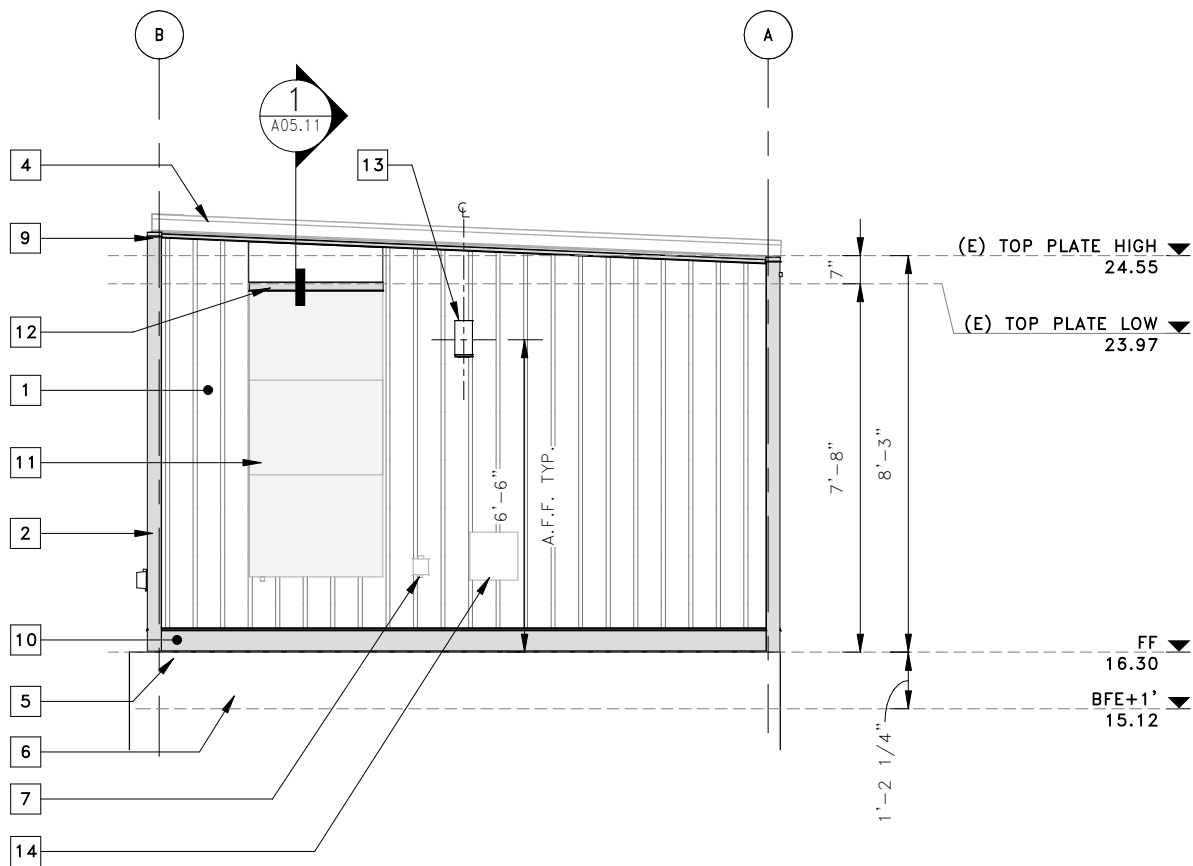
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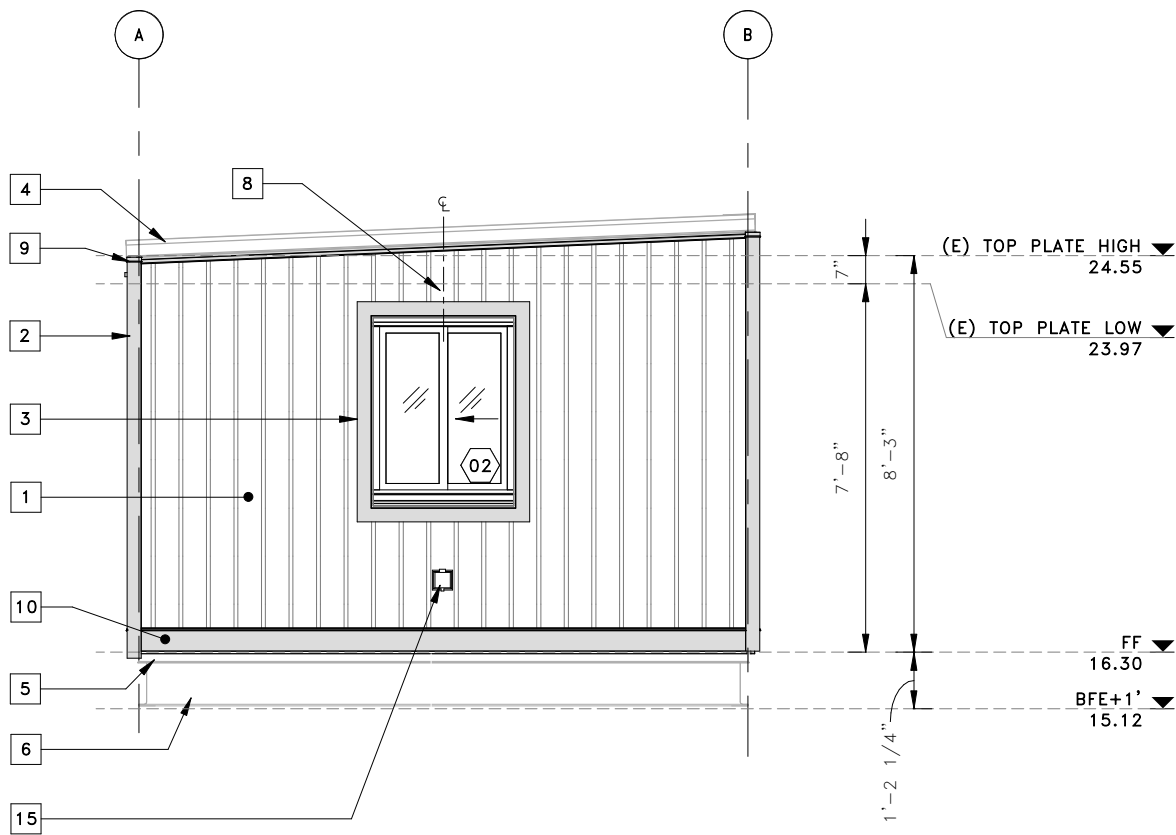
OF

119

SHEETS



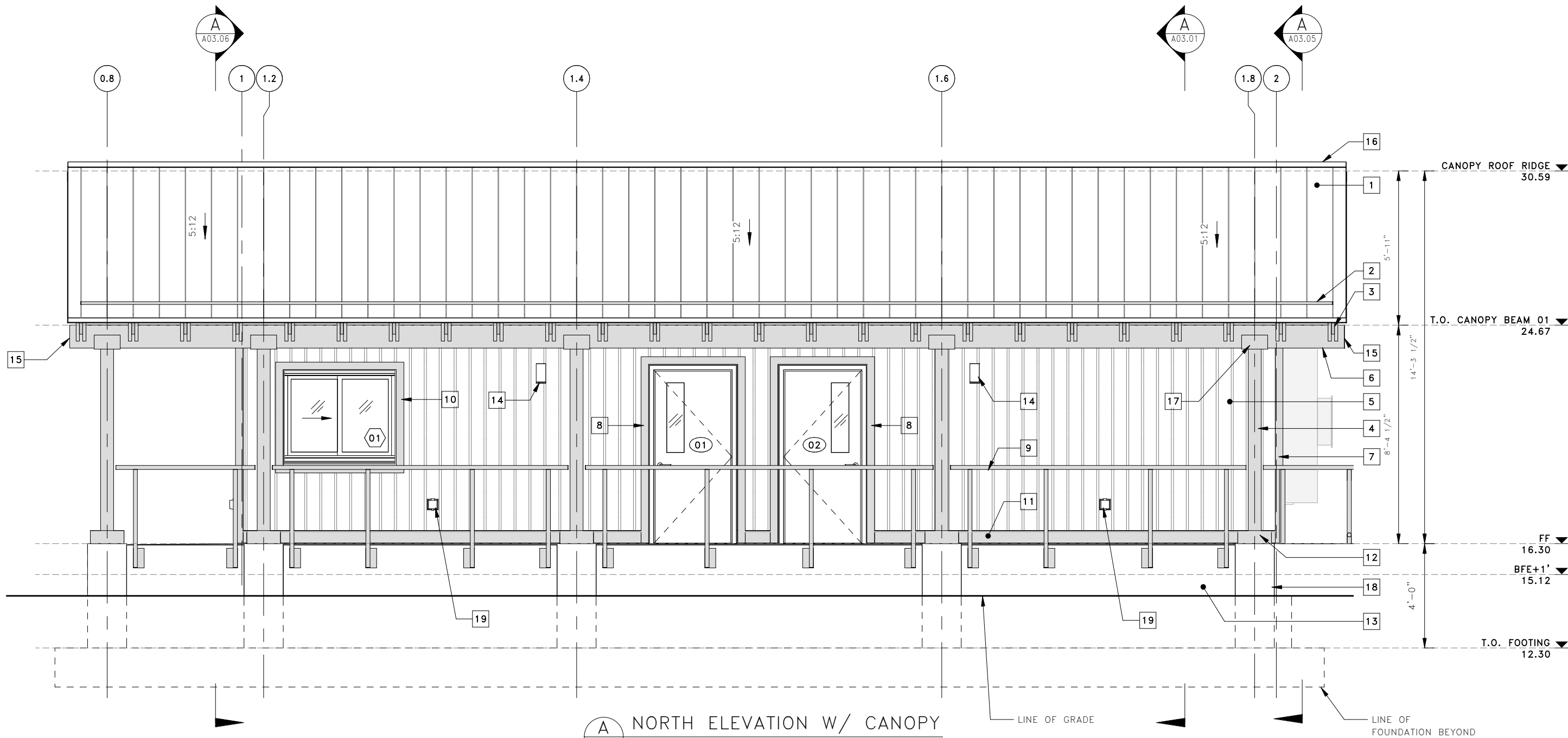
D WEST ELEVATION – BUILDING ONLY  
A01.03 SCALE: 1/4" = 1'-0"



C EAST ELEVATION – BUILDING ONLY  
A01.03 SCALE: 1/4" = 1'-0"

KEYNOTES

- 1 WD SDG; 1X CEDAR SIDING, STN-1
- 2 5/4X POLYASH CORNER TRIM; PNT-2
- 3 5/4X4 POLYASH WINDOW TRIM; PNT-2
- 4 EXISTING ROOF FLASHING, PTD.
- 5 EXISTING BASE FLASHING
- 6 EXISTING WIDE-FLANGE SKID
- 7 EXISTING EXTERIOR RECEPTACLE & COVER
- 8 CENTER SIDING ON WINDOW OPENING
- 9 PRE-FINISHED BRAKE METAL CORNER TRIM CAP FLASHING W/ REAR LEG EXTENSION BEHIND (E) ROOF EDGE FLASHING
- 10 5/4X6 POLYASH TRIM; PNT-2
- 11 EXISTING MECHANICAL UNIT TO RECEIVE NEW PAINT FINISH
- 12 PRE-FINISHED DRIP-FLASHING CAP OVER (E) MECH UNIT WITH THRU-FLASHING EXTENSION BEHIND SIDING
- 13 NEW SCONCE PER ELECTRICAL; CENTER ON SIDING
- 14 EXISTING ELECTRICAL BOX TO REMAIN FOR COMMUNICATION SERVICE ENTRANCE; REFER TO ELECTRICAL
- 15 WEATHER RESISTANT GFI RECEPTACLE WITH WATERPROOF COVER PER ELECTRICAL



KEYNOTES

- |   |   |   |                                      |    |  |    |   |    |   |
|---|---|---|--------------------------------------|----|--|----|---|----|---|
| 1 | MTLR-1, PRE-FINISHED<br>STANDING SEAM METAL ROOFING | 5 | WD SDG; 1X CEDAR SIDING,<br>STN-1    | 9  | METAL RAILING, PAINTED   | 13 | CONCRETE FOUNDATION WALL<br>PER STRUCTURAL      | 17 | COLUMN CAP PER STRUCTURAL;<br>PTD. TYP.                                     |
| 2 | SNOW RAIL PER STANDING<br>SEAM ROOFING MFR          | 6 | GLULAM BEAM PER STRUCTURAL;<br>PNT-2 | 10 | 5/4X4 POLYASH WINDOW TRIM;<br>PNT-2                              | 14 | NEW SCENCE PER ELECTRICAL;<br>CENTER ON SIDING  | 18 | CONCRETE PILASTER PER<br>STRUCTURAL   |
| 3 | BUILT-UP WOOD ROOF TRUSS<br>PER STRUCTURAL; PNT-2   | 7 | 5/4X POLYASH CORNER TRIM;<br>PNT-2   | 11 | 5/4X6 POLYASH TRIM; PNT-2  | 15 | PRE-FINISHED GLULAM END<br>GRAIN FLASHING, TYP. | 19 | WEATHER RESISTANT GFI<br>RECEPTACLE WITH WATERPROOF<br>COVER PER ELECTRICAL |
| 4 | HSS COLUMN PER STRUCTURAL,<br>PAINTED               | 8 | 5/4X4 POLYASH DOOR TRIM;<br>PNT-2    | 12 | PRE-FINISHED BRAKE METAL<br>ENCLOSURE AT COL.<br>BASEPLATE, TYP. | 16 | PRE-FINISHED METAL ROOF<br>RIDGE FLASHING       |    |   |

FILE NAME: G:\Proj\CO\\*\*\*\*

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MAR PROJ ENGR: C. TORRES  
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ASST SECRETARY: P. RUBSTELLO

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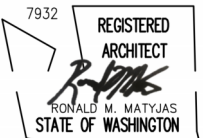
REVISION

DATE

BY

FED.AID  
PROJ.NO.  
\*-WA-\*\*\*  
REGION NO. STATE  
10 WASH  
JOB NUMBER  
20W091  
CONTRACT NO.  
00\*\*\*\*

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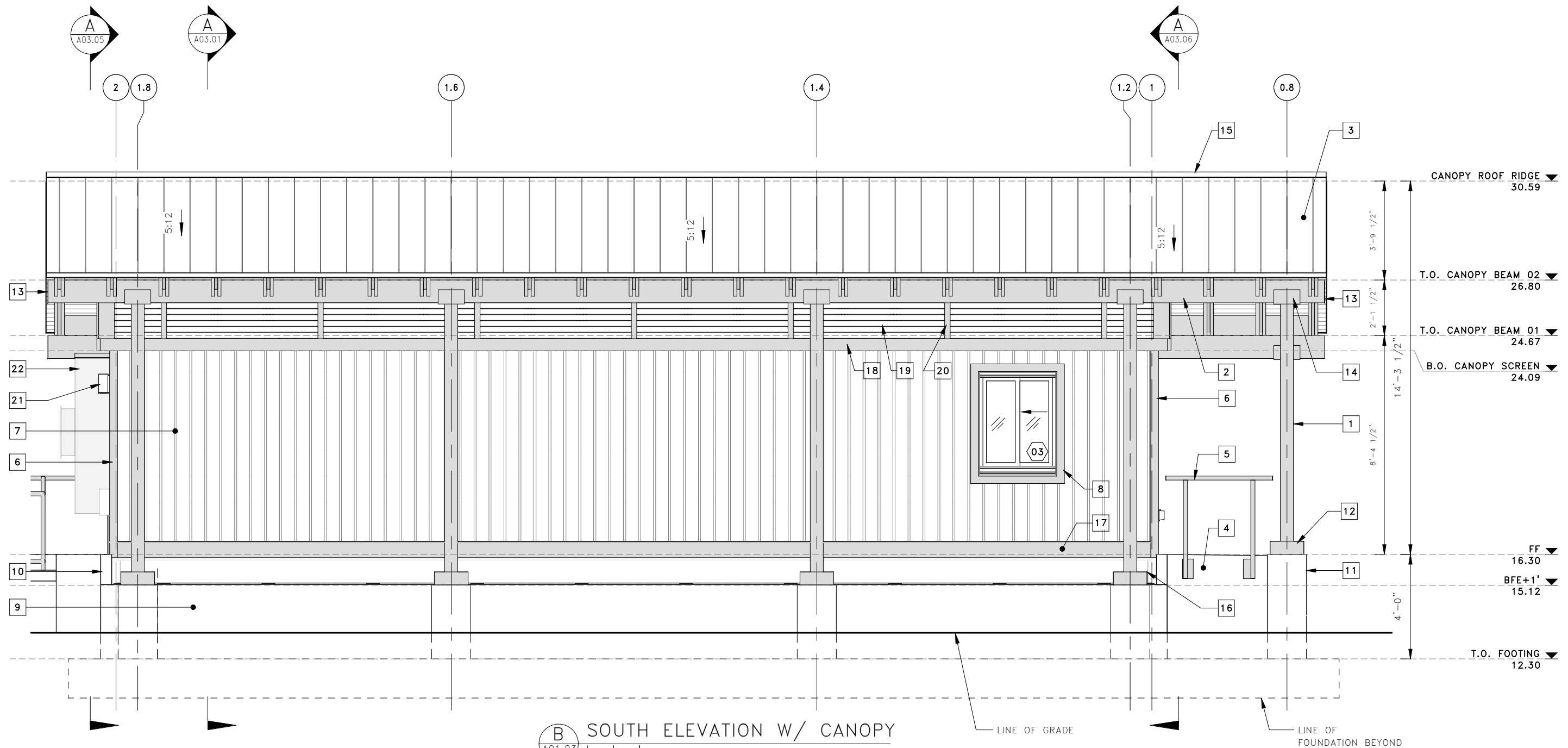


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SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
ELEVATIONS W/ CANOPY

A02.03  
SHEET  
39  
OF  
119  
SHEETS



**B** SOUTH ELEVATION W/ CANOPY  
A01.03  
SCALE: 1/4" = 1'-0"

**KEYNOTES**

- |  |                                      |   |   |   |
|--|--------------------------------------|---|---|---|
| 1 HSS COLUMN PER STRUCTURAL, PAINTED               | 5 METAL RAILING, PAINTED             | 10 CONCRETE STEMWALL PER STRUCTURAL                           | 14 COLUMN CAP PER STRUCTURAL; PTD. TYP.   | 19 1X3 HORIZONTAL CEDAR SLATS; STN-1                    |
| 2 GLULAM BEAM PER STRUCTURAL; PNT-2                | 6 5/4X POLYASH CORNER TRIM; PNT-2    | 11 CONCRETE PILASTER PER STRUCTURAL                           | 15 PRE-FINISHED METAL ROOF RIDGE FLASHING | 20 1X3 VERTICAL CEDAR TRIM, PNT-2                       |
| 3 MTLR-1, PRE-FINISHED STANDING SEAM METAL ROOFING | 7 WD SDG; 1X CEDAR SIDING, STN-1     | 12 PRE-FINISHED BRAKE METAL ENCLOSURE AT COL. BASEPLATE, TYP. | 16 EXISTING WIDE-FLANGE SKID              | 21 NEW SCONCE PER ELECTRICAL; CENTER ON SIDING          |
| 4 CONCRETE FOUNDATION WALL PER STRUCTURAL          | 8 5/4X4 POLYASH WINDOW TRIM; PNT-2   | 13 PRE-FINISHED GLULAM END GRAIN FLASHING, TYP.               | 17 5/4X8 POLYASH TRIM; PNT-2              | 22 EXISTING MECHANICAL UNIT TO RECEIVE NEW PAINT FINISH |
|  | 9 CONCRETE FOUNDATION PER STRUCTURAL |   | 18 2X6 CEDAR BOTTOM TRIM; PNT-2           |   |

FILE NAME: G:\Proj\CO\\*\*\*\*

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10 WASH

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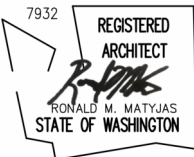
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BY

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**Washington State**  
**Department of Transportation**  
WASHINGTON STATE FERRIES

SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
ELEVATIONS W/ CANOPY

A02.04

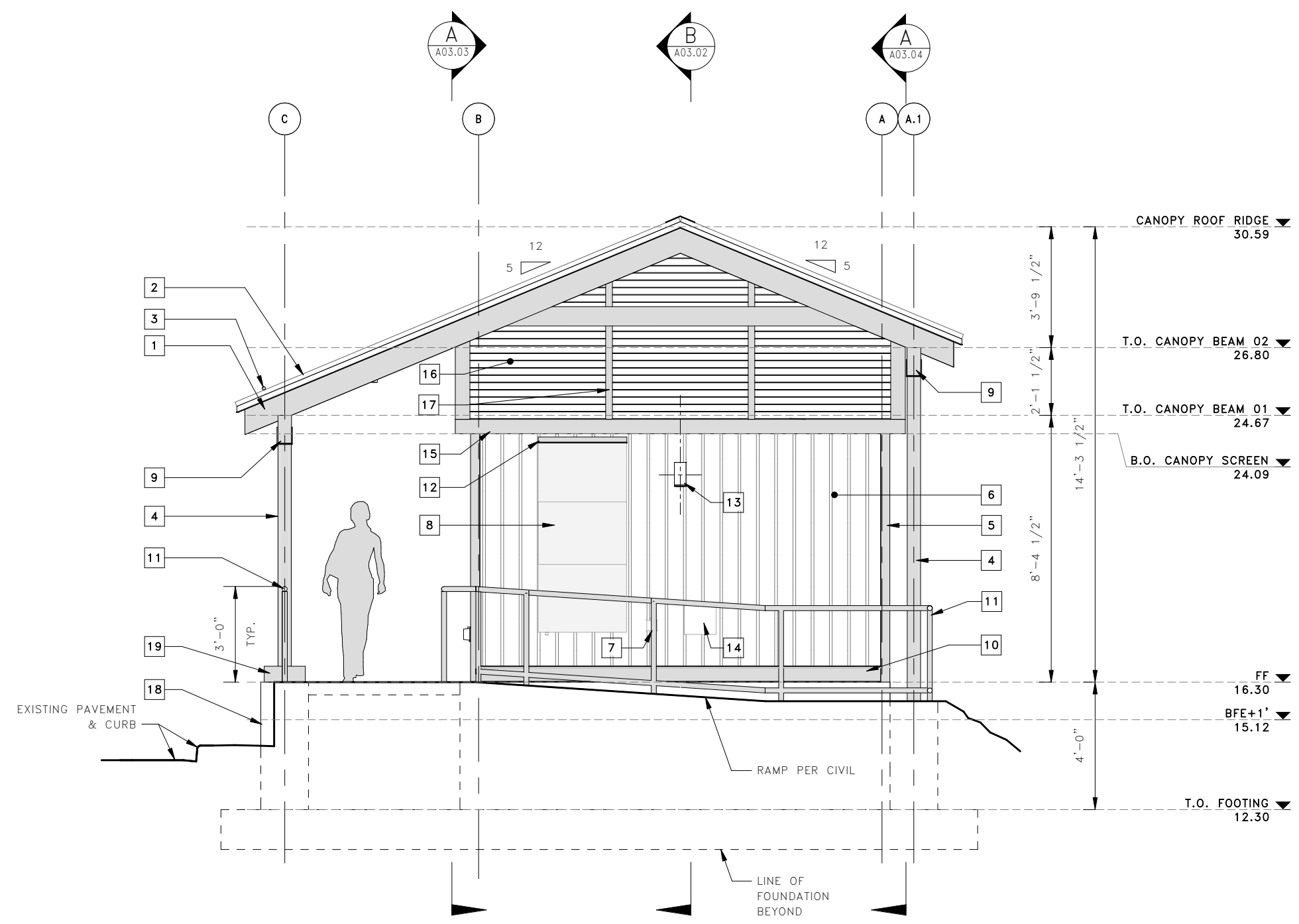
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OF

119



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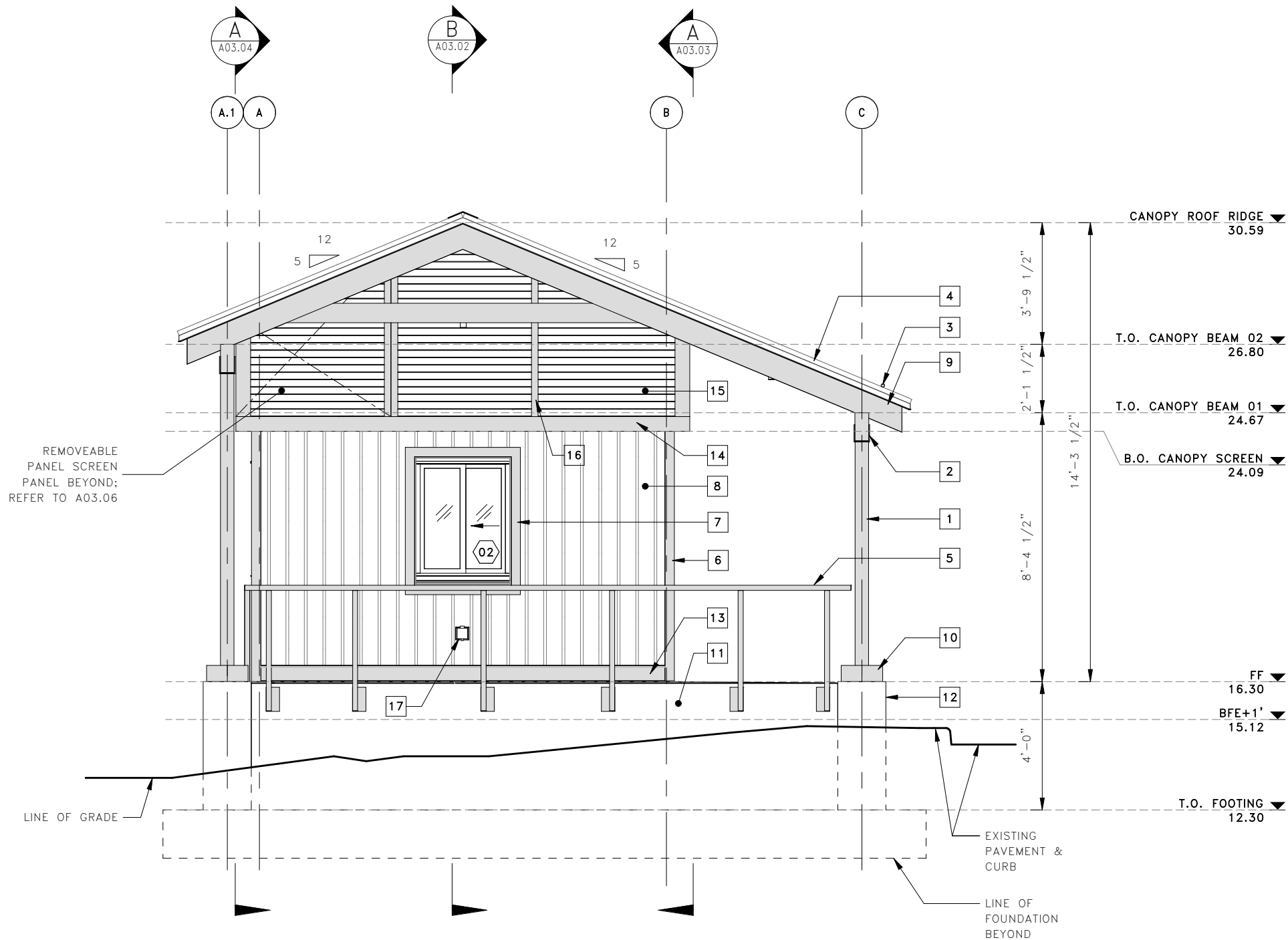


KEYNOTES

- 1 BUILT-UP WOOD ROOF TRUSS PER STRUCTURAL; PNT-2
- 2 PRE-FINISHED METAL ROOF EDGE FLASHING
- 3 SNOW RAIL PER STANDING SEAM ROOFING MFR
- 4 HSS COLUMN PER STRUCTURAL, PAINTED
- 5 5/4X POLYASH CORNER TRIM; PNT-2
- 6 WD SDG; 1X CEDAR SIDING, STN-1
- 7 EXISTING EXTERIOR RECEPTACLE & COVER
- 8 EXISTING MECHANICAL UNIT TO RECEIVE NEW PAINT FINISH
- 9 PRE-FINISHED GLULAM END GRAIN FLASHING, TYP.
- 10 5/4X6 POLYASH TRIM; PNT-2
- 11 METAL RAILING, PAINTED
- 12 PRE-FINISHED DRIP-FLASHING CAP OVER (E) MECH UNIT WITH THRU-FLASHING EXTENSION BEHIND SIDING
- 13 NEW SCONCE PER ELECTRICAL; CENTER ON SIDING
- 14 EXISTING ELECTRICAL BOX TO REMAIN FOR COMMUNICATION SERVICE ENTRANCE; REFER TO ELECTRICAL
- 15 2X6 CEDAR BOTTOM TRIM; PNT-2
- 16 1X3 HORIZONTAL CEDAR SLATS; STN-1
- 17 1X3 VERTICAL CEDAR TRIM, PNT-2
- 18 CONCRETE PILASTER PER STRUCTURAL
- 19 PRE-FINISHED BRAKE METAL ENCLOSURE AT COL. BASEPLATE, TYP.

D WEST ELEVATION W/ CANOPY  
A01.03  
SCALE: 1/4" = 1'-0"

FILE NAME: G:\Proj\CO\****							<div>7932 REGISTERED ARCHITECT  RONALD M. MATYJAS STATE OF WASHINGTON</div>		<div> <b>Washington State</b> <b>Department of Transportation</b> WASHINGTON STATE FERRIES</div>		SR20		A02.05	
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DESIGNED BY: T. WINDAHL						REGION NO. STATE				ELEVATIONS W/ CANOPY		OF		
ENTERED BY: T. WINDAHL						10 WASH						119		
CHECKED BY: R. MATYJAS						JOB NUMBER		20W091				SHEETS		
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PM & ENGR MNGR: C. CHEN														
ASST SECRETARY: P. RUBSTELLO				REVISION		DATE		BY						
										DATE				



KEYNOTES

- 1 HSS COLUMN PER STRUCTURAL, PAINTED
- 2 GLULAM BEAM PER STRUCTURAL; PNT-2
- 3 SNOW RAIL PER STANDING SEAM ROOFING MFR
- 4 PRE-FINISHED METAL ROOF EDGE FLASHING
- 5 METAL RAILING, PAINTED
- 6 5/4X POLYASH CORNER TRIM; PNT-2
- 7 5/4X4 POLYASH WINDOW TRIM; PNT-2
- 8 WD SDG; 1X CEDAR SIDING, STN-1
- 9 BUILT-UP WOOD ROOF TRUSS PER STRUCTURAL; PNT-2
- 10 PRE-FINISHED BRAKE METAL ENCLOSURE AT COL. BASEPLATE, TYP.
- 11 CONCRETE FOUNDATION WALL PER STRUCTURAL
- 12 CONCRETE PILASTER PER STRUCTURAL
- 13 5/4X6 POLYASH TRIM; PNT-2
- 14 2X6 CEDAR BOTTOM TRIM; PNT-2
- 15 1X3 HORIZONTAL CEDAR SLATS; STN-1
- 16 1X3 VERTICAL CEDAR TRIM, PNT-2
- 17 WEATHER RESISTANT GFI RECEPTACLE WITH WATERPROOF COVER PER ELECTRICAL

C EAST ELEVATION W/ CANOPY  
A01.03

SCALE: 1/4" = 1'-0"

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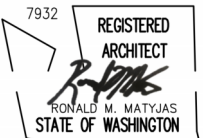
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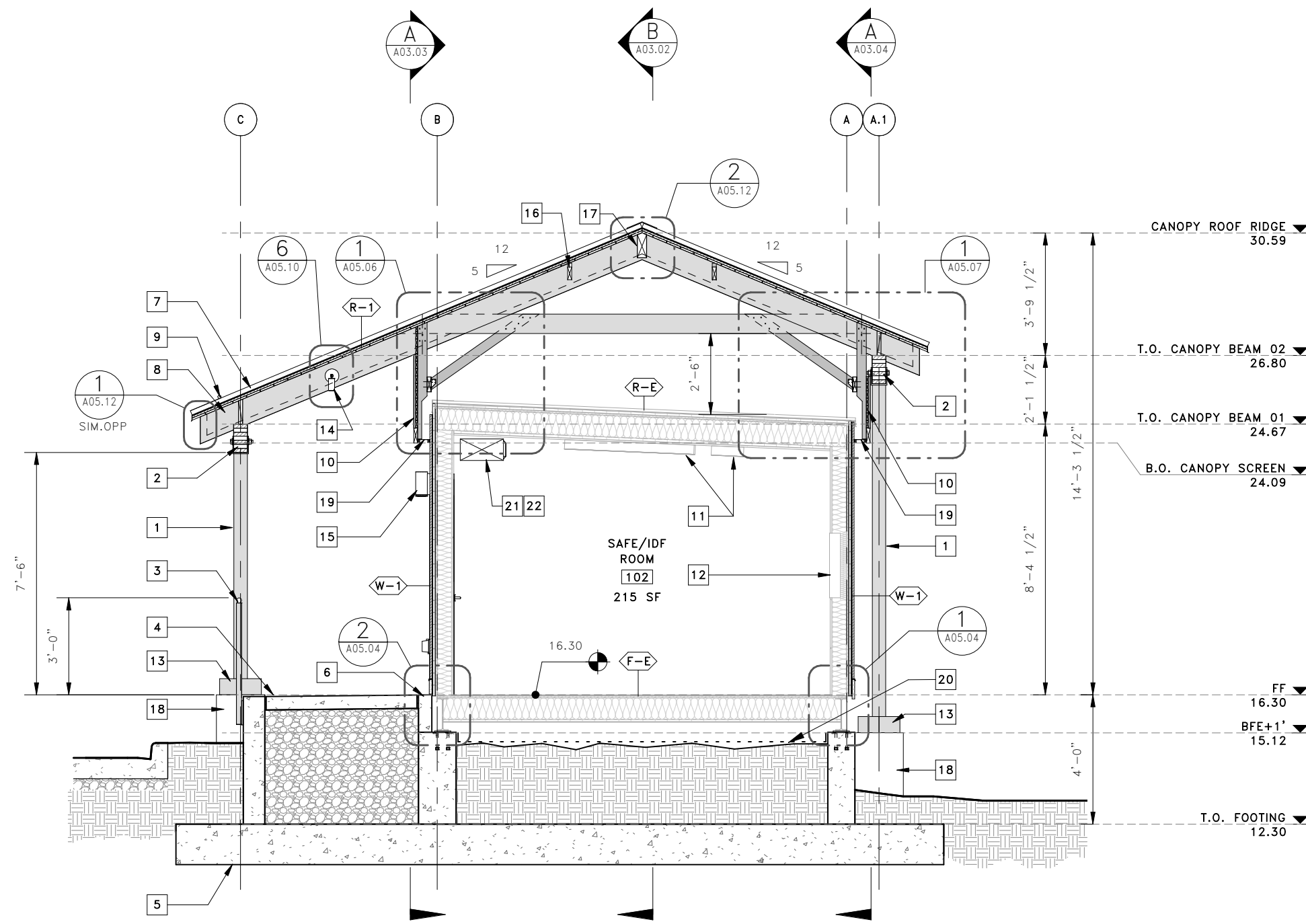
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SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
ELEVATIONS W/ CANOPY

A02.06  
SHEET  
42  
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SHEETS



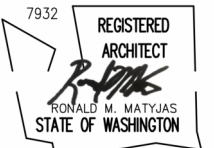


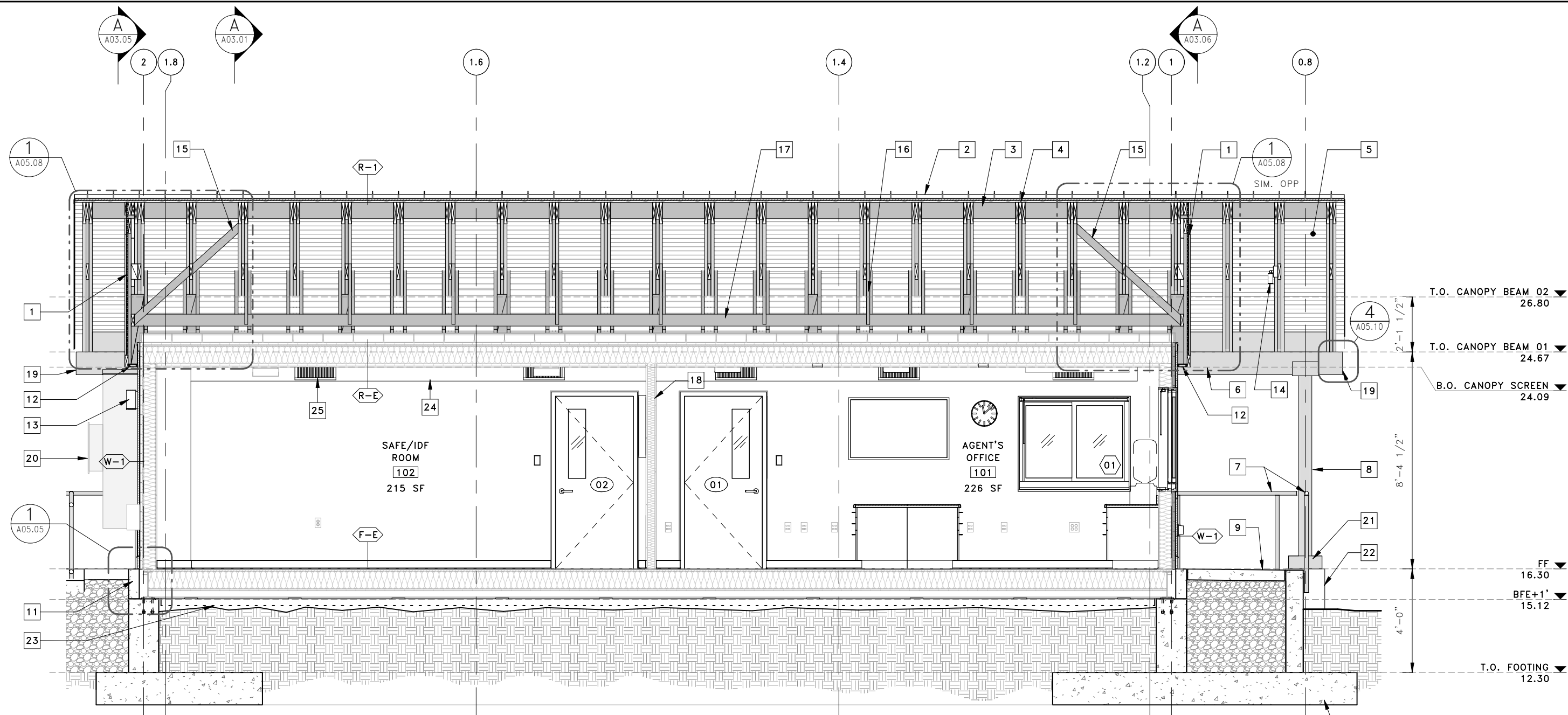
A01.03 TRANSVERSE SECTION LOOKING EAST  
SCALE: 1/4" = 1'-0"

KEYNOTES

- 1 HSS COLUMN PER STRUCTURAL, PAINTED
- 2 GLULAM BEAM PER STRUCTURAL; PNT-2
- 3 METAL RAILING, PAINTED
- 4 CONCRETE SLAB ON GRADE PER STRUCTURAL
- 5 CONCRETE FOUNDATION PER STRUCTURAL
- 6 CONCRETE STEMWALL PER STRUCTURAL
- 7 MTLR-1, PRE-FINISHED STANDING SEAM METAL ROOFING
- 8 BUILT-UP WOOD ROOF TRUSS PER STRUCTURAL; PNT-2
- 9 SNOW RAIL PER STANDING SEAM ROOFING MFR
- 10 CANOPY SCREEN
- 11 EXISTING LIGHT FIXTURE TO REMAIN, TYP.; REFER TO ELECTRICAL
- 12 EXISTING ELECTRICAL PANEL
- 13 PRE-FINISHED BRAKE METAL ENCLOSURE AT COL. BASEPLATE, TYP.
- 14 LED MONOPOINT PER ELECTRICAL
- 15 NEW SCONCE PER ELECTRICAL; CENTER ON SIDING
- 16 2X4 GABLE END SCREEN SUPPORT AT EACH SCREEN VERTICAL; PNT-2, TYP.
- 17 4X BLOCKING PER STRUCTURAL; PNT-2
- 18 CONCRETE PILASTER PER STRUCTURAL
- 19 CONTINUOUS PERFORATED BRAKE METAL, TYP
- 20 10 MIL MIN. CONTINUOUS VAPOR BARRIER, SEALED AT EDGES
- 21 NEW 16X8 DUCT W/ PNT-1 FINISH
- 22 MOUNT NEW DUCT TIGHT TO CEILING & ENSURE CLEAR OPERATION OF NEW DOORS

FILE NAME: G:\Proj\CO\****															SR20					A03.01									
PRINTED:		LAST PRINTED BY:								FED.AID PROJ.NO.								COUPEVILLE FERRY TERMINAL					SHEET						
SUBMITTAL DATE: 12/07/2023		T.WINDAHL								*-WA-***								AGENT'S OFFICE					43						
DESIGNED BY: T. WINDAHL										REGION NO. STATE								BUILDING & CANOPY SECTIONS					OF						
ENTERED BY: T. WINDAHL										10 WASH																			
CHECKED BY: R. MATYJAS										JOB NUMBER								119					SHEETS						
MAR PROJ ENGR: C. TORRES										20W091																			
PM & ENGR MNGR: C. CHEN										CONTRACT NO.								SEE CT01.00					DATE						
ASST SECRETARY: P. RUBSTELLO										00****																			
REVISION					DATE					BY					DATE														





**B** LONGITUDINAL SECTION LOOKING NORTH  
A01.03  
0 1 2 SCALE: 1/4" = 1'-0"

**KEYNOTES**

- |  |  |   |  |   |   |   |  |
|--|--|---|--|---|---|---|--|
| 1 CANOPY SCREEN AT GABLE-END                       | 4 BUILT-UP WOOD ROOF TRUSS PER STRUCTURAL; PNT-2 | 8 HSS COLUMN PER STRUCTURAL, PAINTED    | 12 CONTINUOUS PERFORATED BRAKE METAL, TYP      | 15 2X4 GABLE END SCREEN SUPPORT AT EACH SCREEN VERTICAL; PNT-2, TYP.  | 18 EXISTING GWB PARTITION TO REMAIN                     | 21 PRE-FINISHED BRAKE METAL ENCLOSURE AT COL. BASEPLATE, TYP. | 24 NEW 16X8 DUCT W/ PNT-1 FINISH   |
| 2 MTLR-1, PRE-FINISHED STANDING SEAM METAL ROOFING | 5 1X T&G DECKING PER STRUCTURAL; WRT-2           | 9 CONCRETE SLAB ON GRADE PER STRUCTURAL | 13 NEW SCONCE PER ELECTRICAL; CENTER ON SIDING | 16 2X4 KICKER AT 4'-0" O.C.; SECURED TO TRUSS                         | 19 PRE-FINISHED GLULAM END GRAIN FLASHING, TYP.         | 22 CONCRETE PILASTER PER STRUCTURAL                           | 25 PROVIDE SUPPLY GRILLES IN SAME LOCATION, QUANTITY, & CAPACITY AS PREVIOUS |
| 3 4X BLOCKING PER STRUCTURAL; PNT-2                | 6 GLULAM BEAM PER STRUCTURAL; PNT-2              | 10 CONCRETE FOUNDATION PER STRUCTURAL   | 14 LED MONOPOINT PER ELECTRICAL                | 17 CONTINUOUS 2X6 CANOPY SCREEN SUPPORT BEHIND VERTICALS; PNT-2, TYP. | 20 EXISTING MECHANICAL UNIT TO RECEIVE NEW PAINT FINISH | 23 10 MIL MIN. CONTINUOUS VAPOR BARRIER, SEALED AT EDGES      |  |
| 7 METAL RAILING, PAINTED                           |  | 11 CONCRETE STEMWALL PER STRUCTURAL     |  |   |   |   |  |

FILE NAME: G:\Proj\CO\\*\*\*\*

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PM & ENGR MNGR: C. CHEN

ASST SECRETARY: P. RUBSTELLO

LAST PRINTED BY:

T.WINDAHL

REVISION

DATE

BY

FED.AID  
PROJ.NO.

\*-WA-\*\*\*

REGION NO. STATE

10 WASH

JOB NUMBER

20W091

CONTRACT NO.

00\*\*\*\*

DATE

7932

REGISTERED  
ARCHITECT

R. MATYJAS  
RONALD M. MATYJAS  
STATE OF WASHINGTON

SEE CT01.00

DATE



**Washington State**  
**Department of Transportation**  
WASHINGTON STATE FERRIES

**SR20**  
**COUPEVILLE FERRY TERMINAL**  
**AGENT'S OFFICE**  
**BUILDING & CANOPY SECTIONS**

A03.02

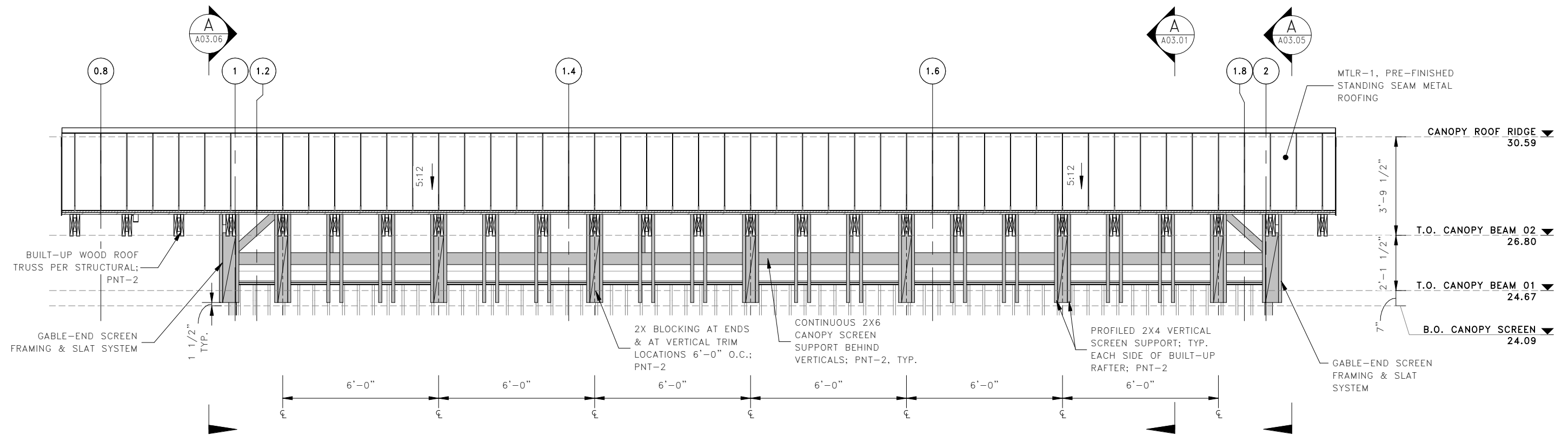
SHEET

44

OF

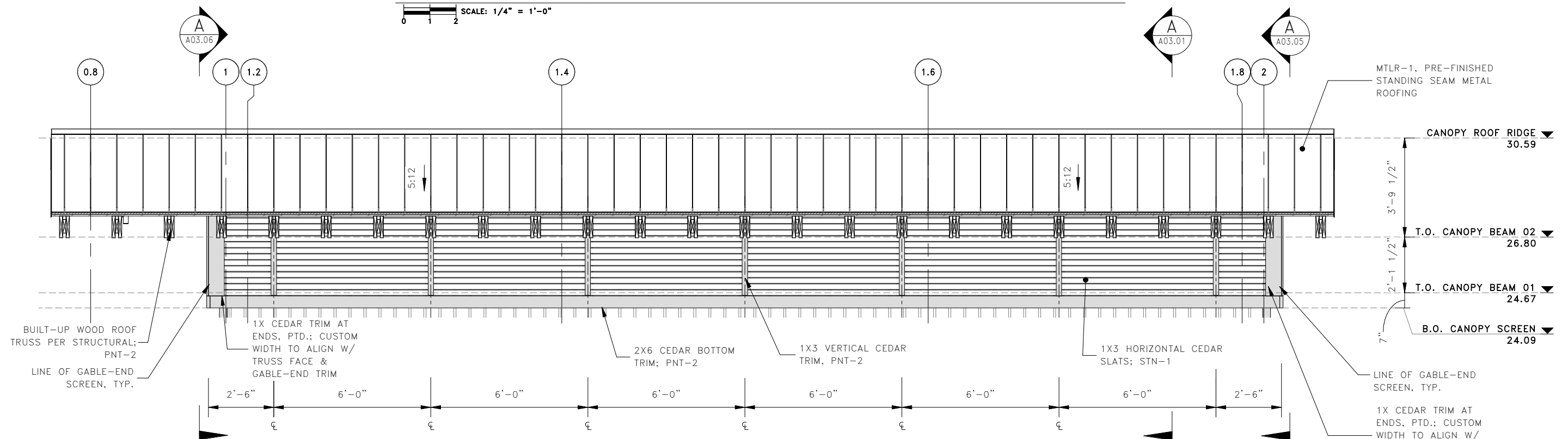
119

SHEETS



PARTIAL SECTION / ELEVATION AT NORTH CANOPY SCREEN - FRAMING

SCALE: 1/4" = 1'-0"



PARTIAL SECTION / ELEVATION AT NORTH CANOPY SCREEN - W/ SLATS

SCALE: 1/4" = 1'-0"

FILE NAME: G:\Proj\CO\\*\*\*\*

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\*-WA-\*\*\*  
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CONTRACT NO.  
00\*\*\*\*

DATE



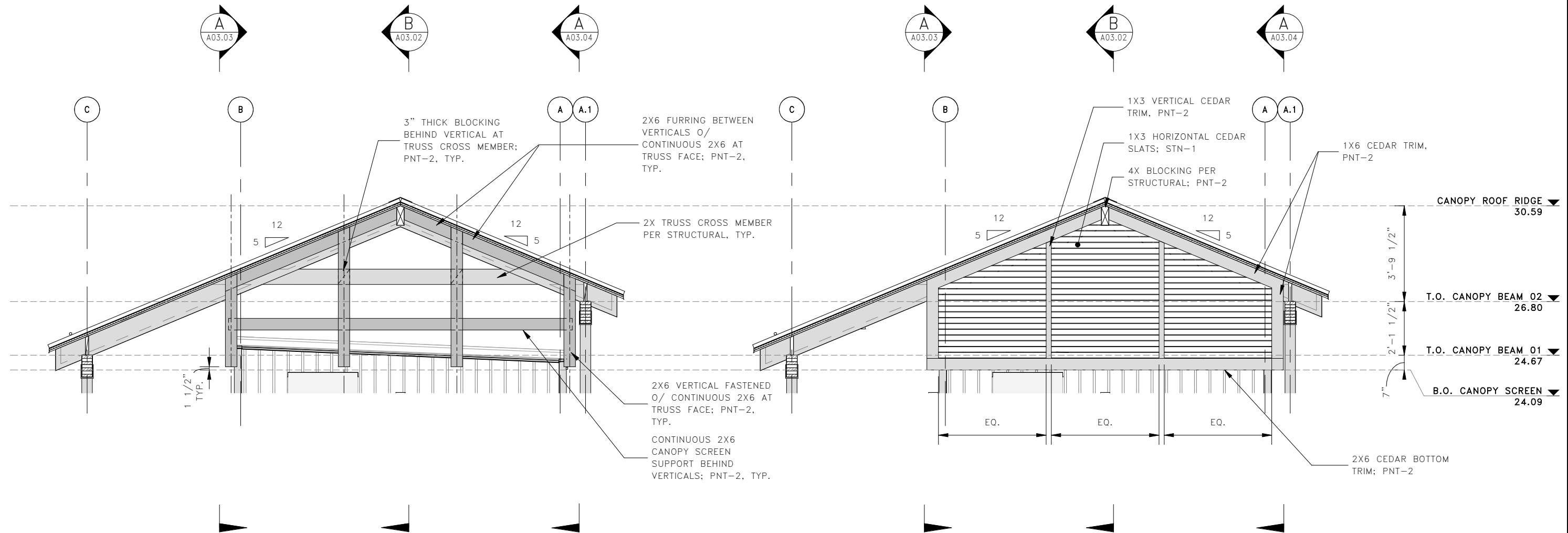
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DATE



SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
SECTION/ELEVATION AT CANOPY SCREEN

A03.03  
SHEET  
45  
OF  
119  
SHEETS





PARTIAL SECTION/ELEVATION AT WEST CANOPY SCREEN – FRAMING

SCALE: 1/4" = 1'-0"

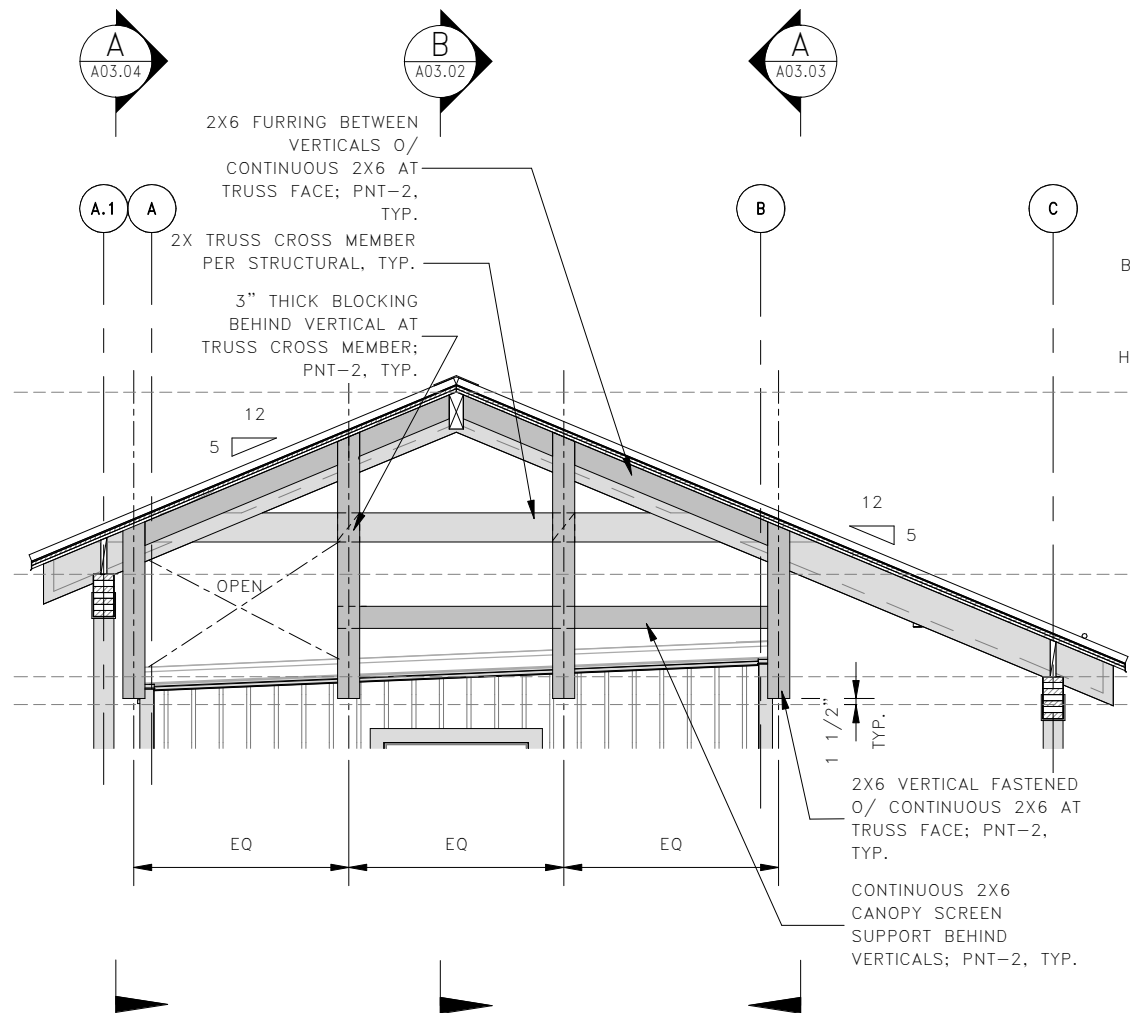
PARTIAL SECTION/ELEVATION AT WEST CANOPY SCREEN

SCALE: 1/4" = 1'-0"

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PARTIAL SECTION/ELEVATION AT EAST CANOPY SCREEN - FRAMING

SCALE: 1/4" = 1'-0"

PROVIDE (4) GALVANIZED 1/2" Ø THREADED HANGER BOLTS AT TOP W/ WASHER & NUTS; MIN. LAG SCREW PENETRATION INTO TRUSS SHALL BE 3"; EXPOSED HARDWARE PAINTED TO MATCH ADJACENT SURFACE, TYP.

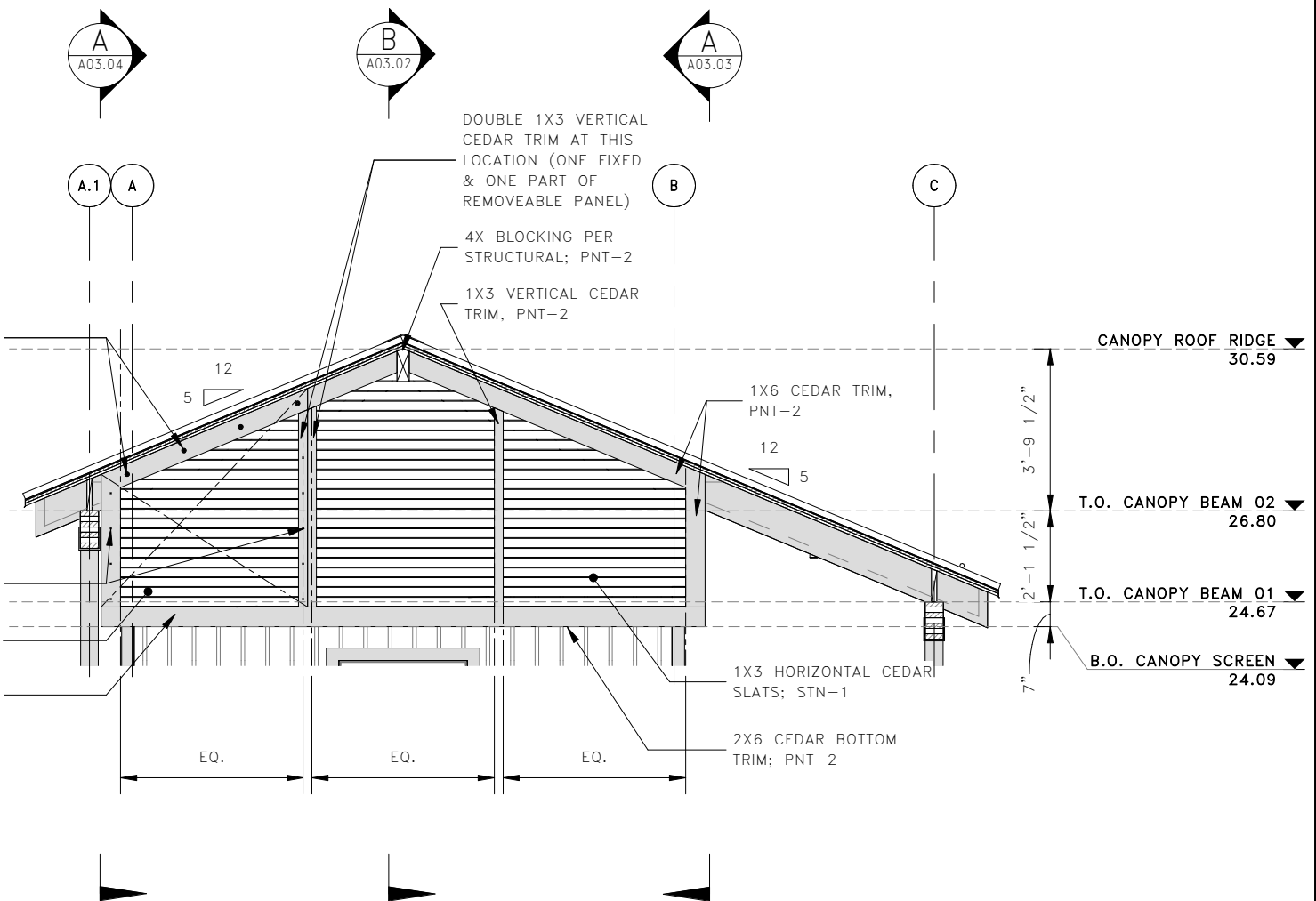
PROVIDE #10 WOOD SCREWS AT 10" O.C. TO FIX SIDES OF REMOVEABLE PANEL; MIN. SCREW PENETRATION INTO VERTICAL SUPPORTS SHALL BE 1"; SCREW HEADS PAINTED TO MATCH ADJACENT SURFACE, TYP.

REMOVEABLE PANEL FOR ROOF MAINTAINANCE

2X6 CEDAR BOTTOM TRIM, REMAINS FIXED AT THIS LOCATION (NOT PART OF REMOVEABLE PANEL)

2X6 VERTICAL FASTENED O/ CONTINUOUS 2X6 AT TRUSS FACE; PNT-2, TYP.

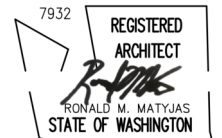
CONTINUOUS 2X6 CANOPY SCREEN SUPPORT BEHIND VERTICALS; PNT-2, TYP.



PARTIAL SECTION/ELEVATION AT EAST CANOPY SCREEN

SCALE: 1/4" = 1'-0"

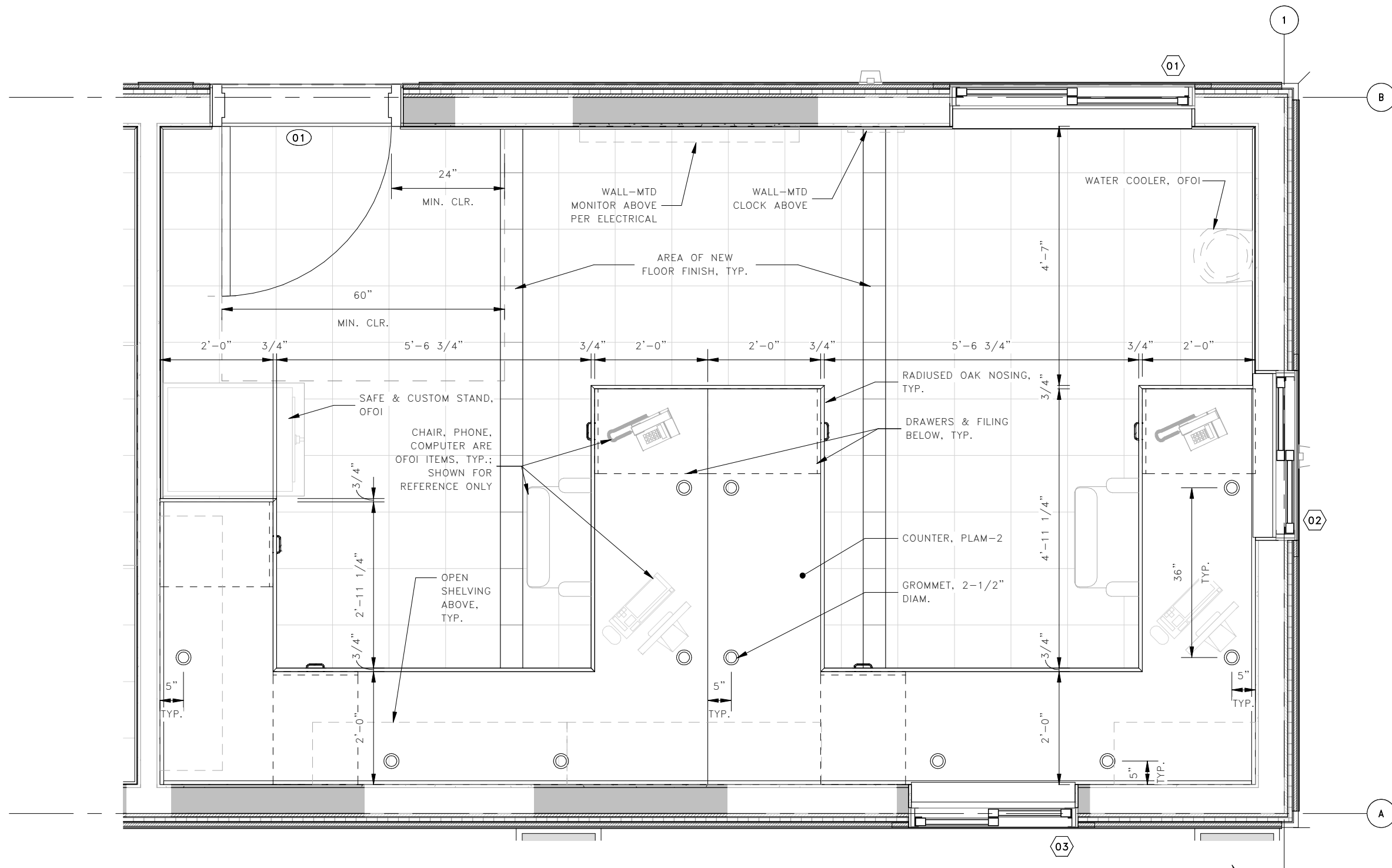
FILE NAME: G:\Proj\CO\****					FED.AID PROJ.NO.	
PRINTED:	LAST PRINTED BY:				*-WA-***	
SUBMITTAL DATE: 4/21/2023	T.WINDAHL				REGION NO. STATE	
DESIGNED BY: T. WINDAHL					10 WASH	
ENTERED BY: T. WINDAHL					JOB NUMBER	
CHECKED BY: R. MATYJAS					20W091	
MAR PROJ ENGR: C. TORRES					CONTRACT NO.	
PM & ENGR MNGR: C. CHEN					00****	
ASST SECRETARY: P. RUBSTELLO						
REVISION		DATE		BY		



SEE CT01.00



SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE	A03.06
	SHEET 48 OF
	119 SHEETS
SECTION/ELEVATION AT CANOPY SCREEN	



2 ENLARGED OFFICE PLAN  
A01.03

SCALE: 1/2" = 1'-0"

FILE NAME: G:\Proj\CO\\*\*\*\*

PRINTED: 4/21/2023  
DESIGNED BY: T. WINDAHL  
ENTERED BY: T. WINDAHL  
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ASST SECRETARY: P. RUBSTELLO

LAST PRINTED BY:  
T.WINDAHL

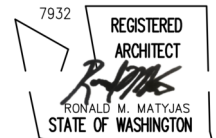
REVISION

DATE

BY

FED.AID  
PROJ.NO.  
\*-WA-\*\*\*  
REGION NO. STATE  
10 WASH  
JOB NUMBER  
20WQ91  
CONTRACT NO.  
00\*\*\*\*

DATE



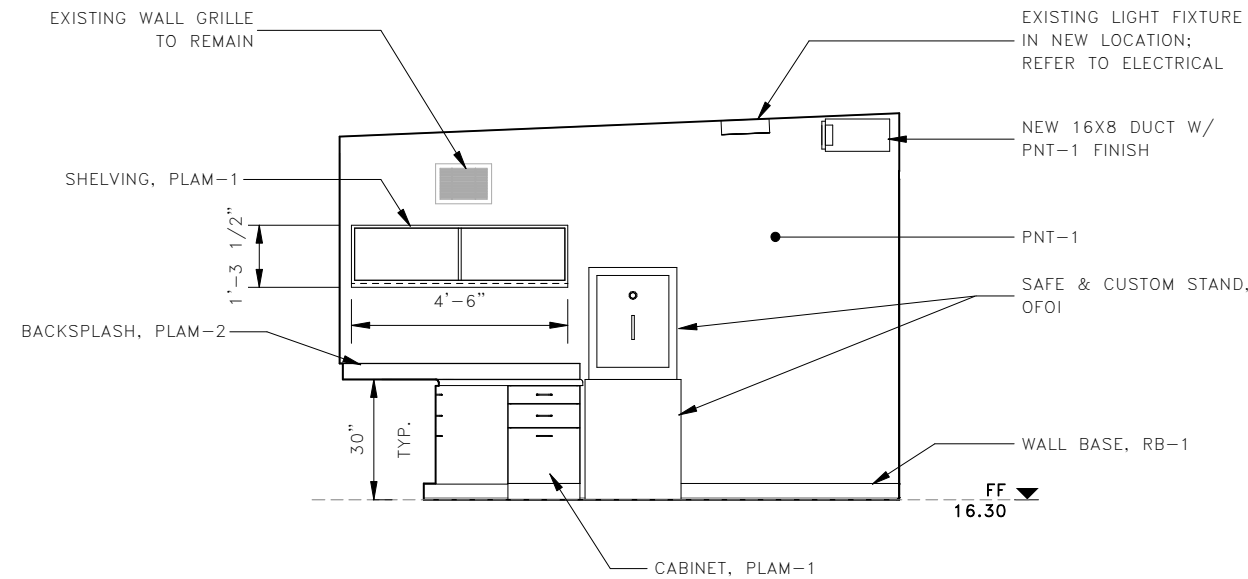
SEE CT01.00  
DATE



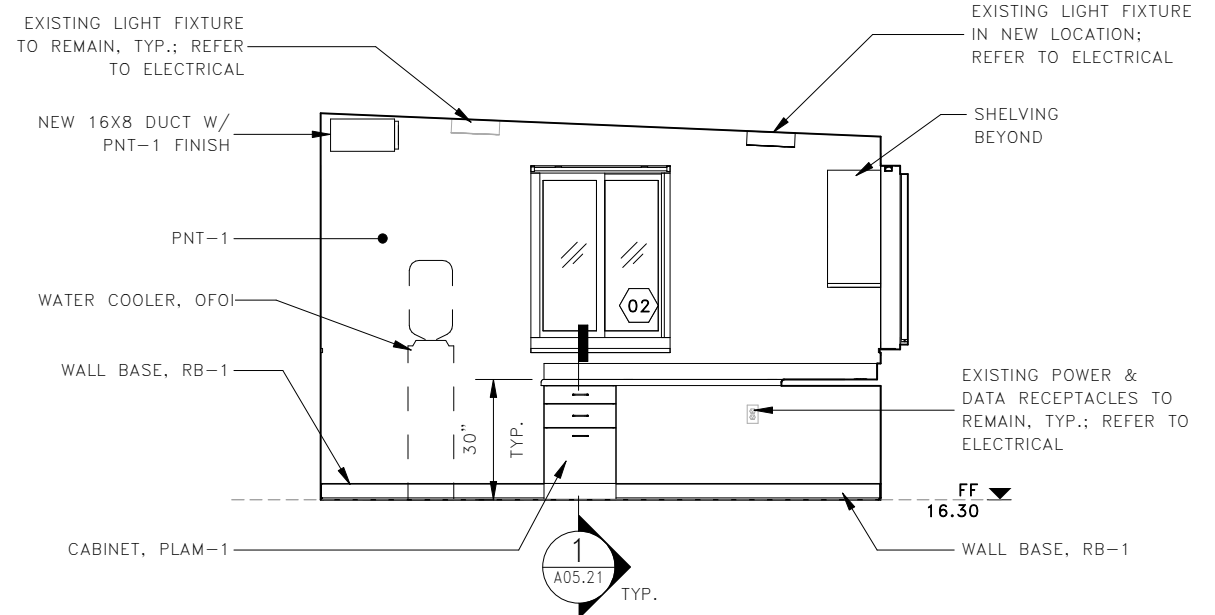
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COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
ENLARGED OFFICE PLAN

A04.01  
SHEET  
49  
OF  
119  
SHEETS

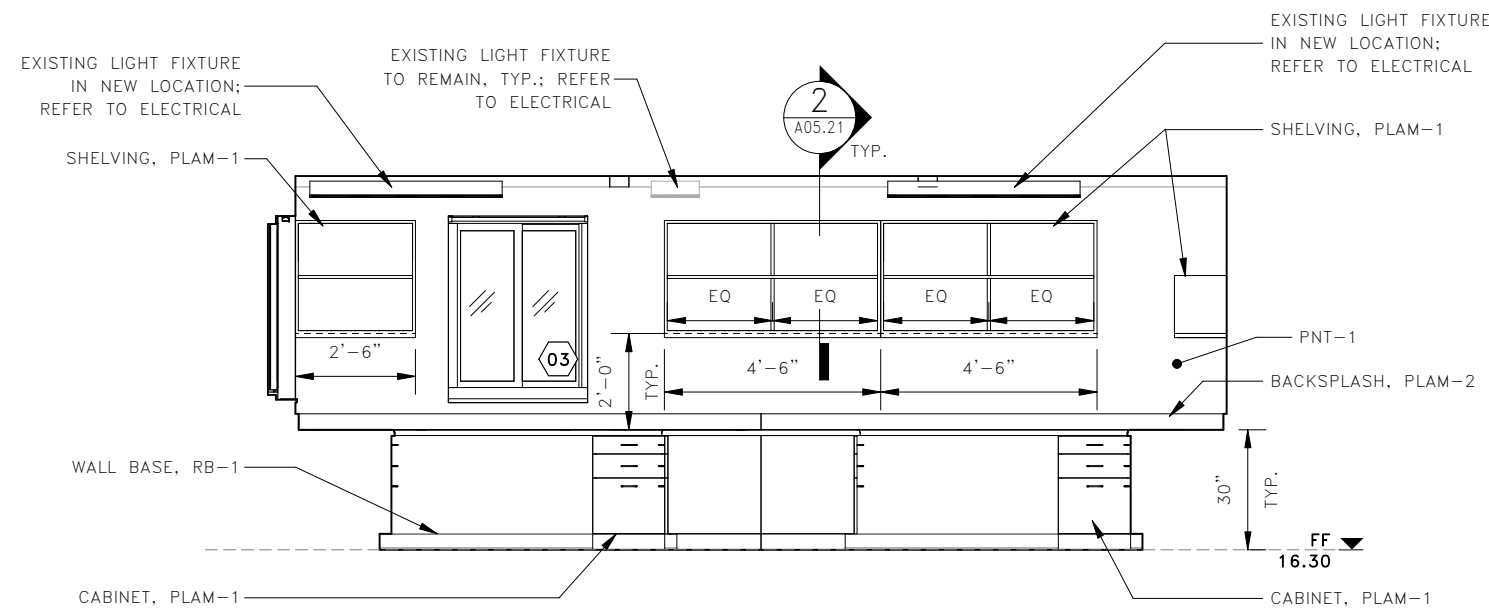




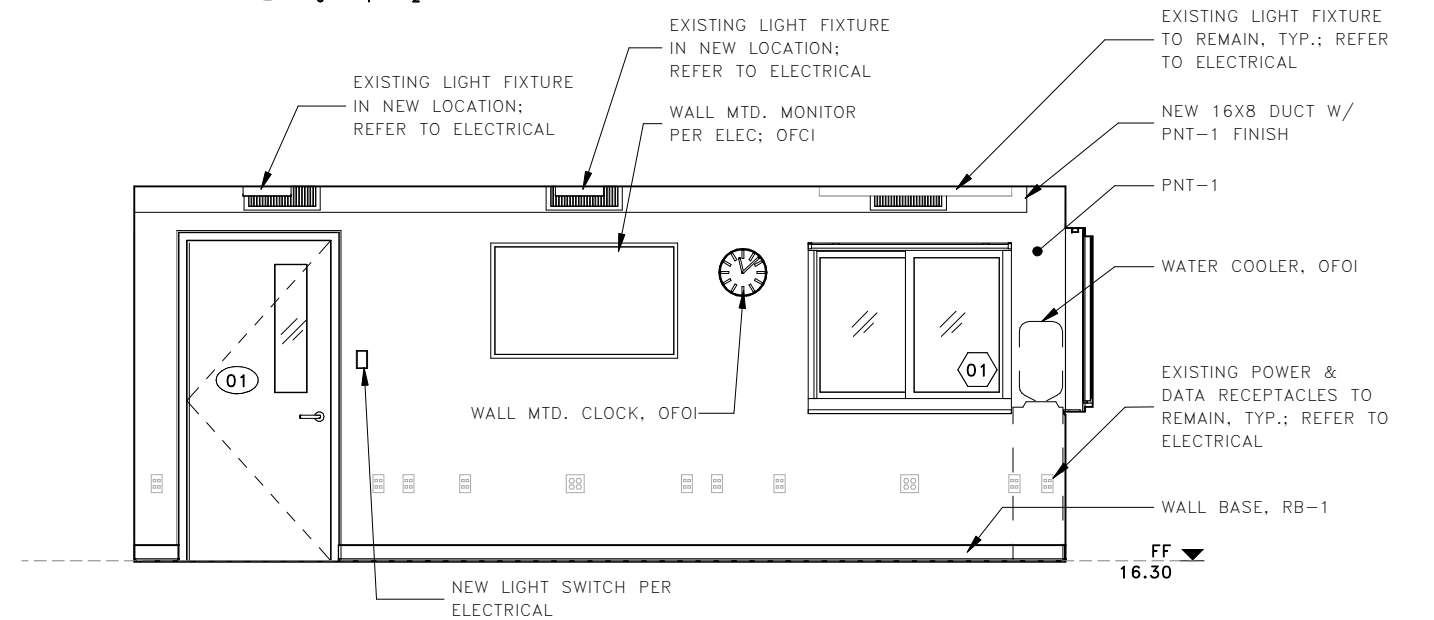
**D AGENT'S OFFICE WEST ELEVATION**  
 A01.03 SCALE: 1/4" = 1'-0"



**B AGENT'S OFFICE EAST ELEVATION**  
 A01.03 SCALE: 1/4" = 1'-0"



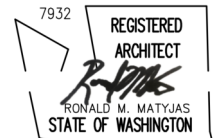
**C AGENT'S OFFICE SOUTH ELEVATION**  
 A01.03 SCALE: 1/4" = 1'-0"



**A AGENT'S OFFICE NORTH ELEVATION**  
 A01.03 SCALE: 1/4" = 1'-0"

FILE NAME: G:\Proj\CO\****				
PRINTED:	LAST PRINTED BY:			FED.AID PROJ.NO.
SUBMITTAL DATE: 4/21/2023	T.WINDAHL			*-WA-***
DESIGNED BY: T. WINDAHL				REGION NO. STATE
ENTERED BY: T. WINDAHL				10 WASH
CHECKED BY: R. MATYJAS				JOB NUMBER
MAR PROJ ENGR: C. TORRES				20WQ91
PM & ENGR MNGR: C. CHEN				CONTRACT NO.
ASST SECRETARY: P. RUBSTELLO				00****
	REVISION	DATE	BY	

DATE
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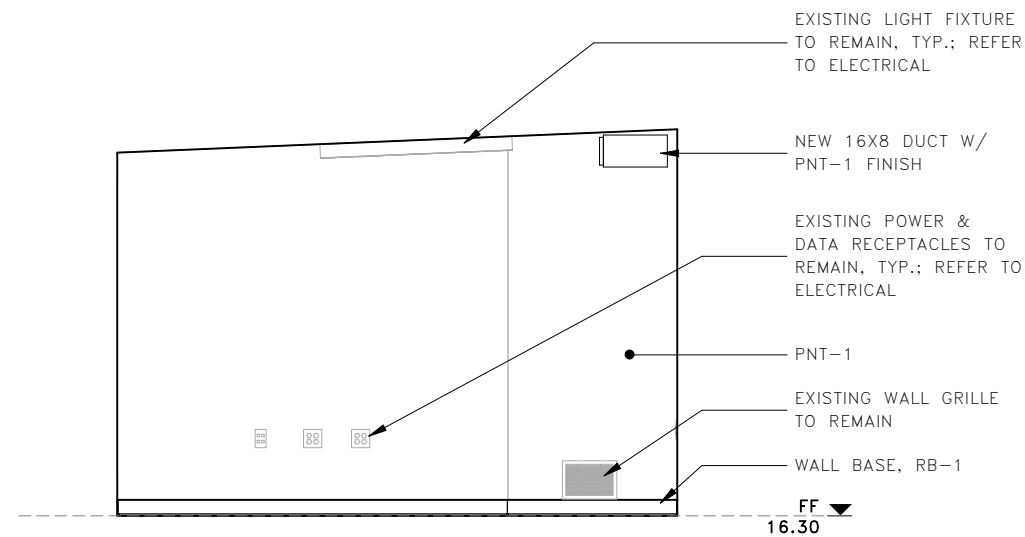


SEE CT01.00  
DATE

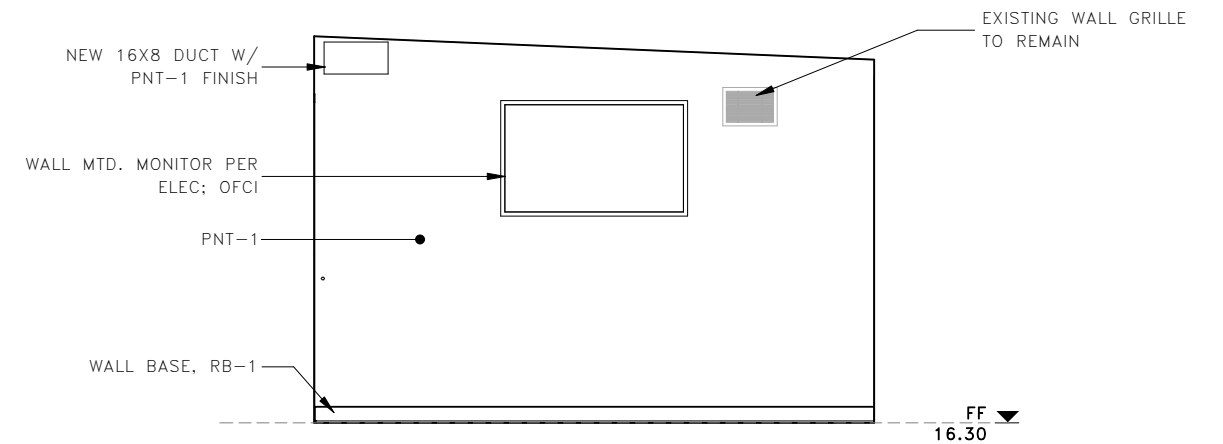


SR20  
 COUPEVILLE FERRY TERMINAL  
 AGENT'S OFFICE  
 AGENT'S OFFICE INTERIOR ELEVATIONS

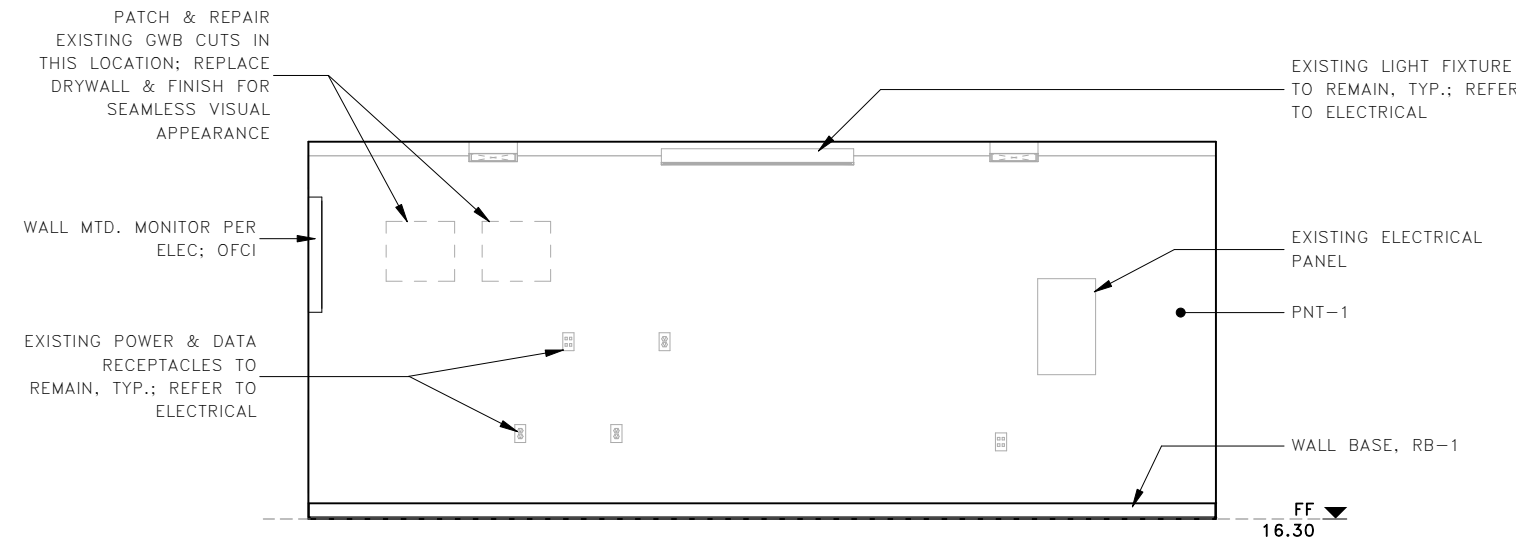
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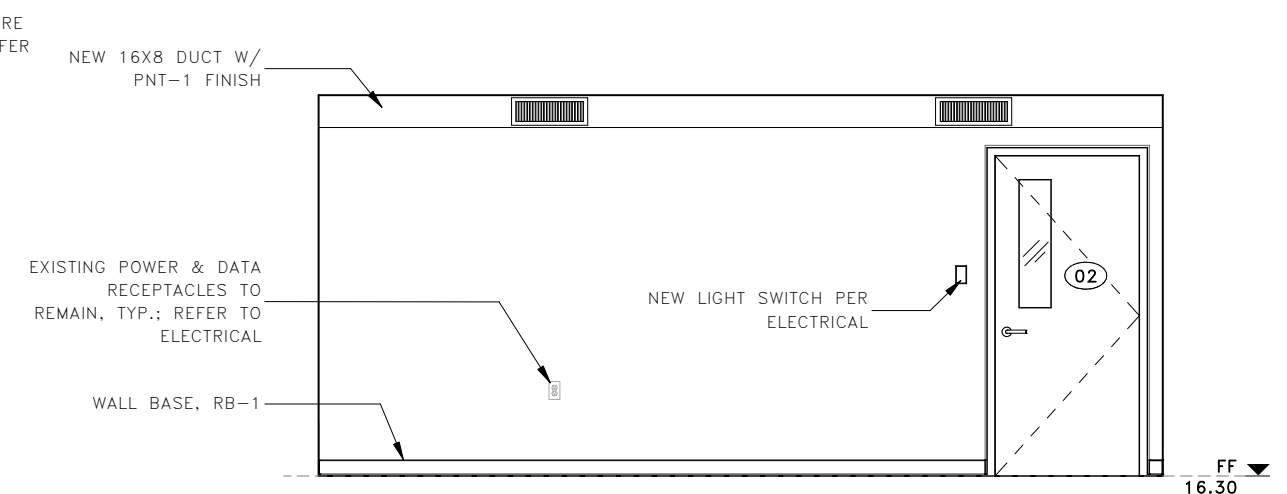
**D** SAFE/IDF WEST ELEVATION  
A01.03 SCALE: 1/4" = 1'-0"



**B** SAFE/IDF EAST ELEVATION  
A01.03 SCALE: 1/4" = 1'-0"

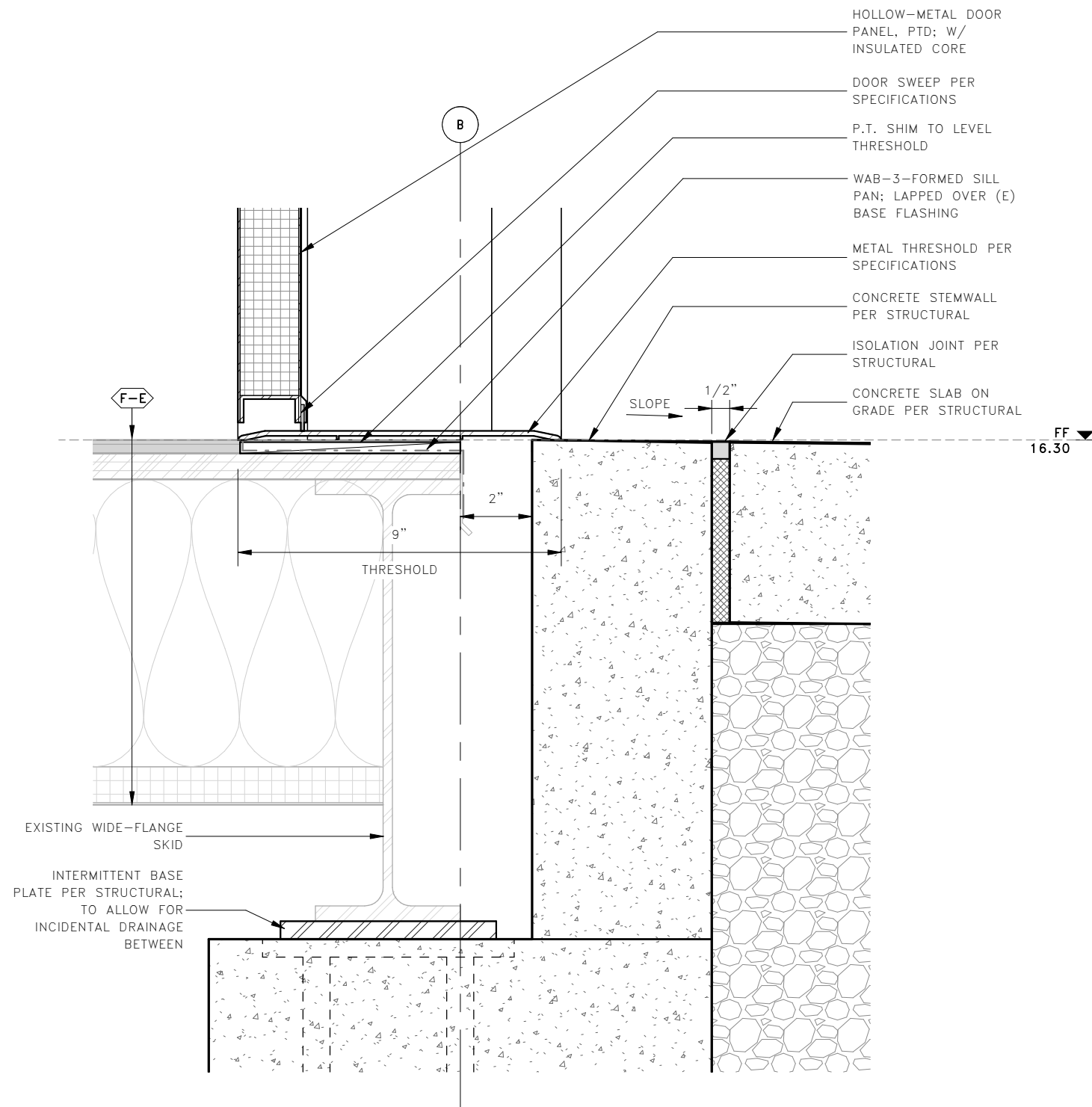


**C** SAFE/IDF SOUTH ELEVATION  
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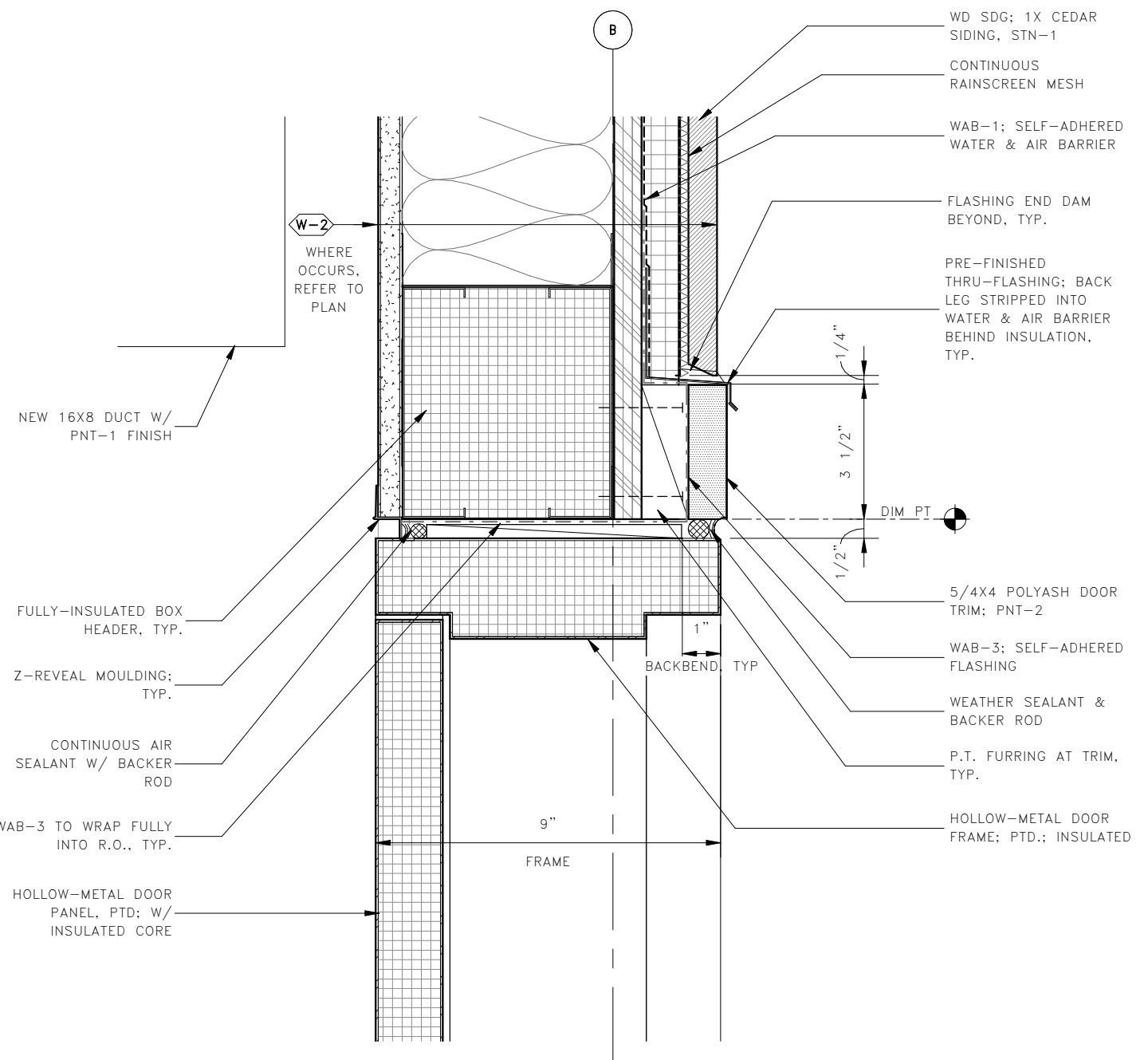


**A** SAFE/IDF NORTH ELEVATION  
A01.03 SCALE: 1/4" = 1'-0"

FILE NAME: G:\Proj\CO\****										<div><div>7932</div><div>REGISTERED ARCHITECT <i>R. Matyjas</i> RONALD M. MATYJAS STATE OF WASHINGTON</div></div> <div>SEE CT01.00</div>										<div><div>Washington State Department of Transportation WASHINGTON STATE FERRIES</div></div>										SR20										A04.11									
PRINTED:					LAST PRINTED BY:																									FED.AID PROJ.NO.					COUPEVILLE FERRY TERMINAL										SHEET				
SUBMITTAL DATE: 4/21/2023					T.WINDAHL					*-WA-***					AGENT'S OFFICE										51																								
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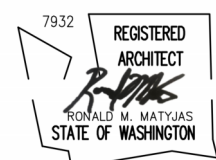
**2 DOOR THRESHOLD DETAIL**  
A02.01 SCALE: 3" = 1'-0"



**1 DOOR HEAD DETAIL**  
A02.01 SCALE: 3" = 1'-0"

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SUBMITTAL DATE: 12/07/2023	T.WINDAHL			*-WA-***
DESIGNED BY: T. WINDAHL				REGION NO. STATE
ENTERED BY: T. WINDAHL				10 WASH
CHECKED BY: R. MATYJAS				JOB NUMBER
MAR PROJ ENGR: C. TORRES				20W091
PM & ENGR MNGR: C. CHEN				CONTRACT NO.
ASST SECRETARY: P. RUBSTELLO				00****
	REVISION	DATE	BY	

DATE

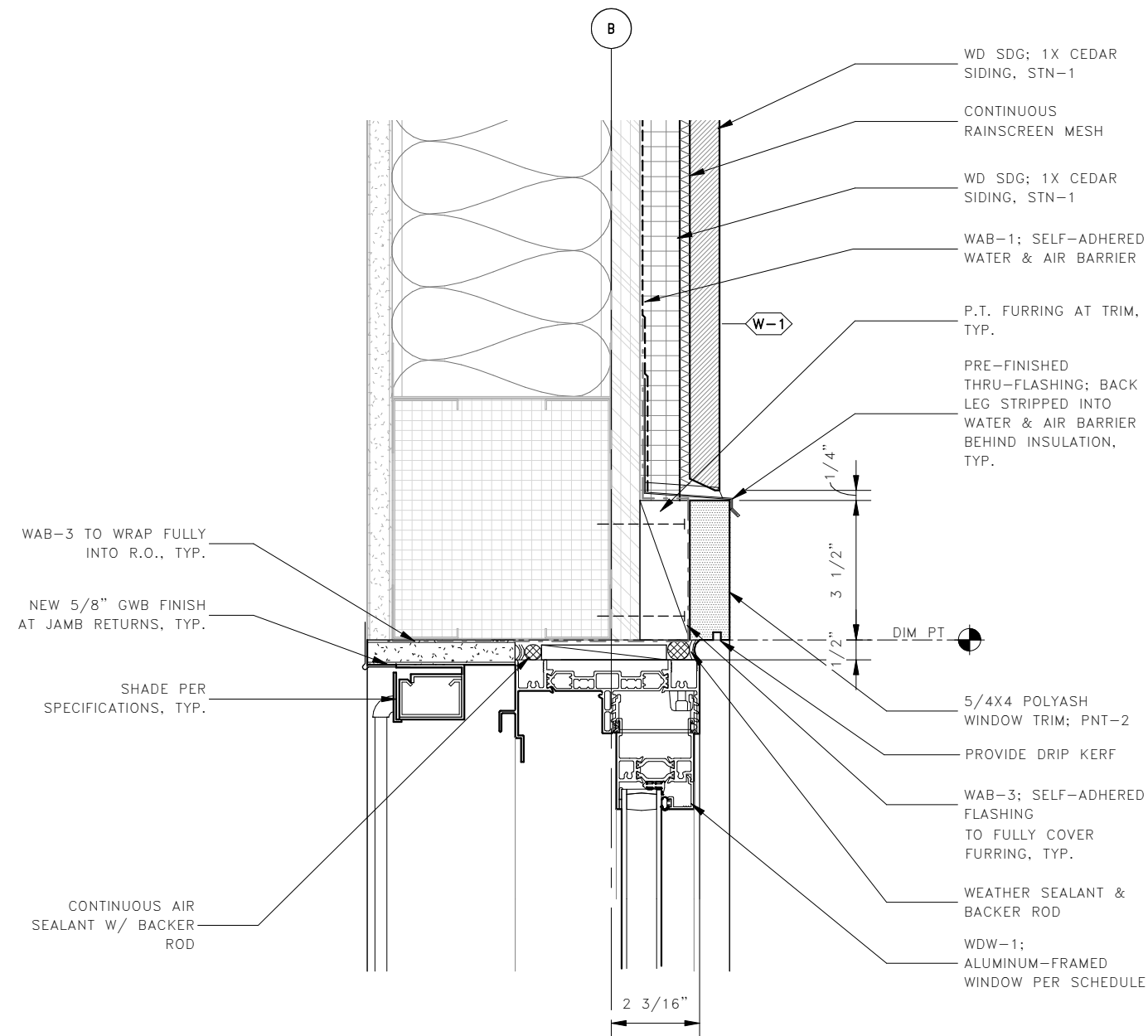


SEE CT01.00  
DATE

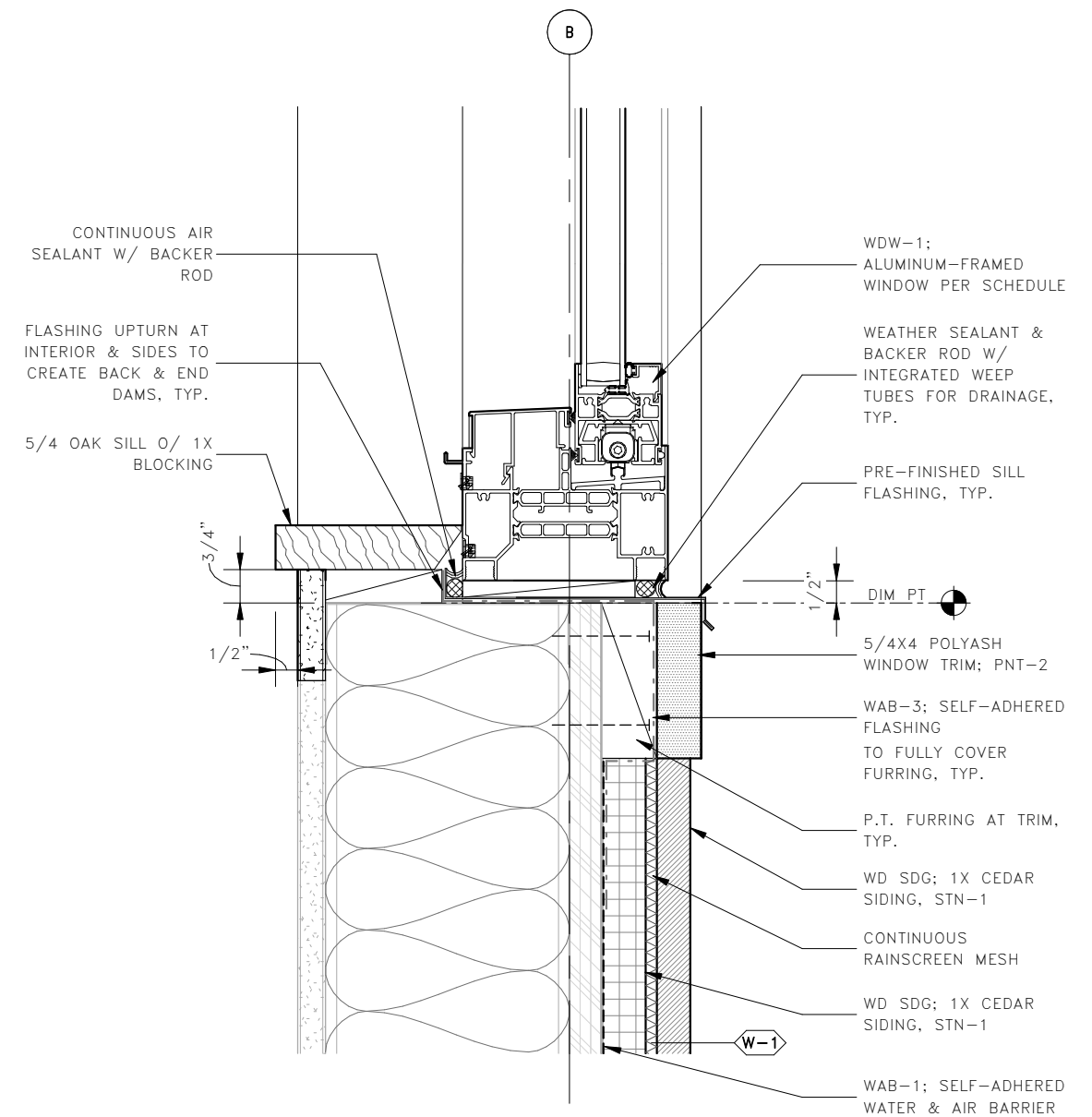


SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
DOOR SECTION DETAILS

A05.01  
SHEET  
52  
OF  
119  
SHEETS



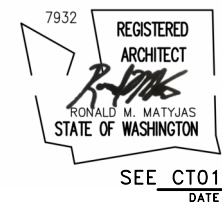
2 WINDOW HEAD DETAIL  
A02.01  
SCALE: 3" = 1'-0"



1 WINDOW SILL DETAIL  
A02.01  
SCALE: 3" = 1'-0"

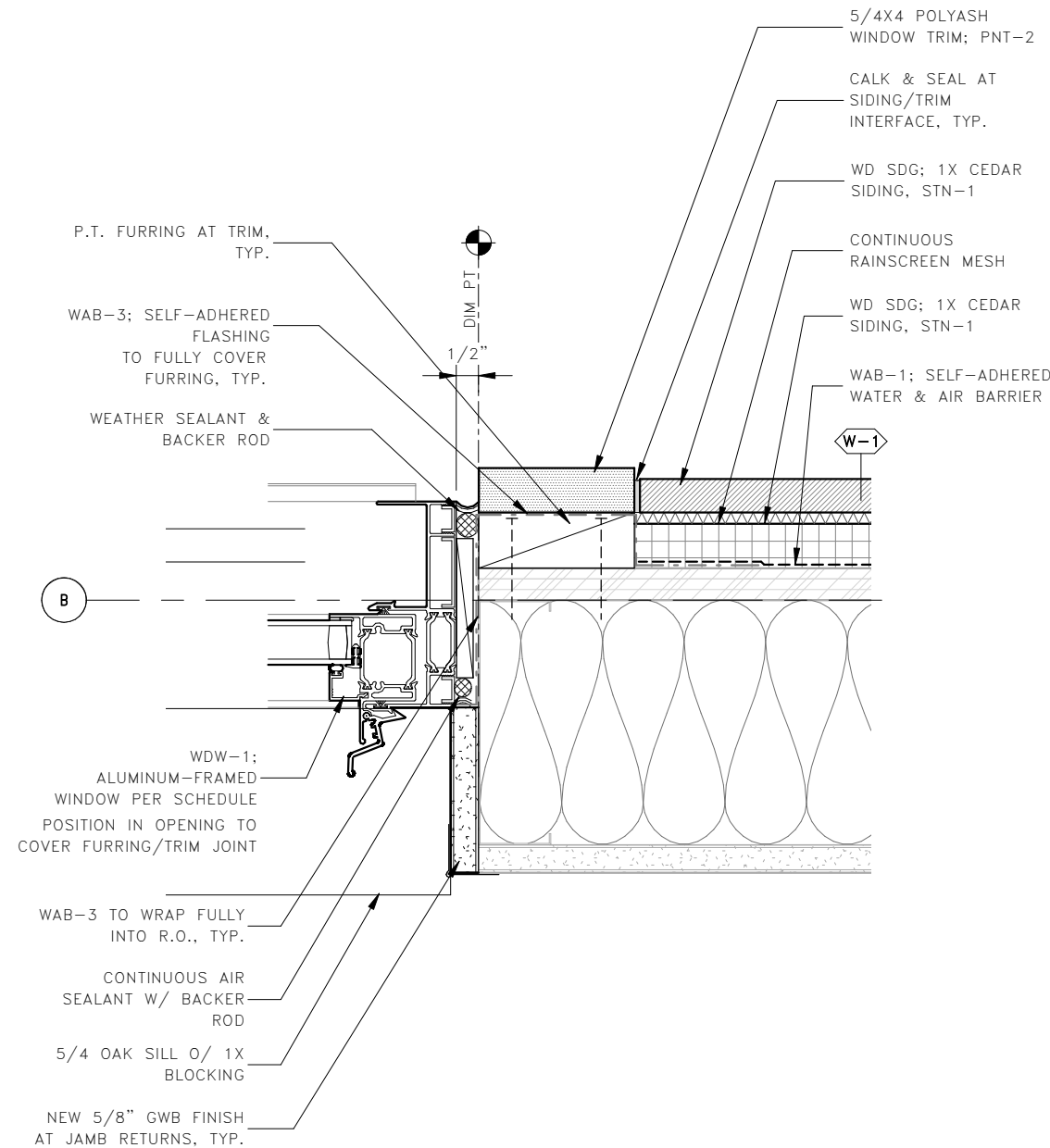
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ASST SECRETARY: P. RUBSTELLO				00****
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DATE



SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
WINDOW SECTION DETAILS

A05.02  
SHEET  
53  
OF  
119  
SHEETS

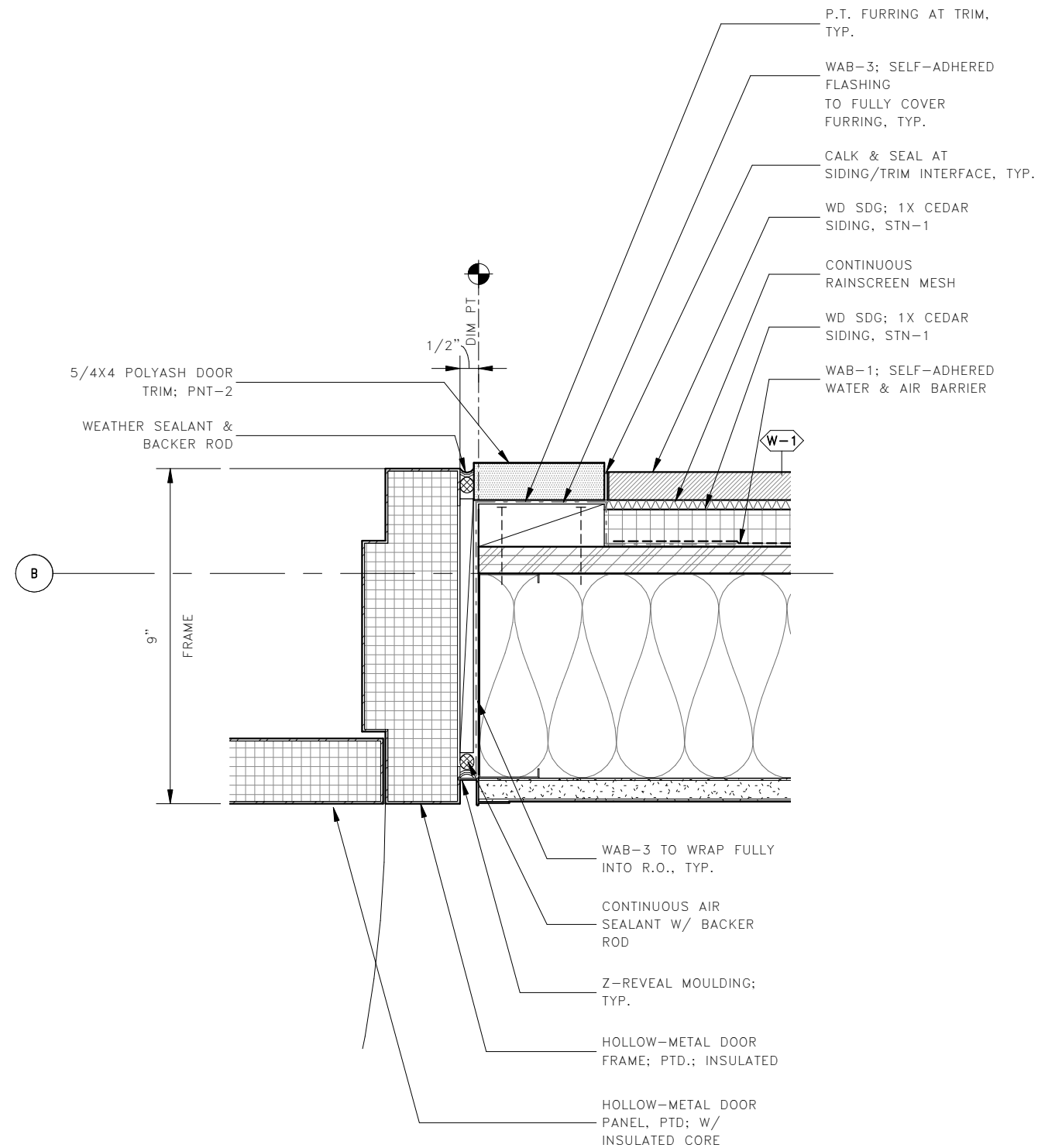


2 WINDOW JAMB DETAIL

A01.03

0 0.5

SCALE: 3" = 1'-0"



1 DOOR JAMB DETAIL

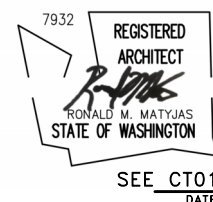
A01.03

0 0.5

SCALE: 3" = 1'-0"

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ASST SECRETARY: P. RUBSTELLO				00****
	REVISION	DATE	BY	

DATE



SR20

COUPEVILLE FERRY TERMINAL

AGENT'S OFFICE

WINDOW & DOOR PLAN DETAILS

A05.03

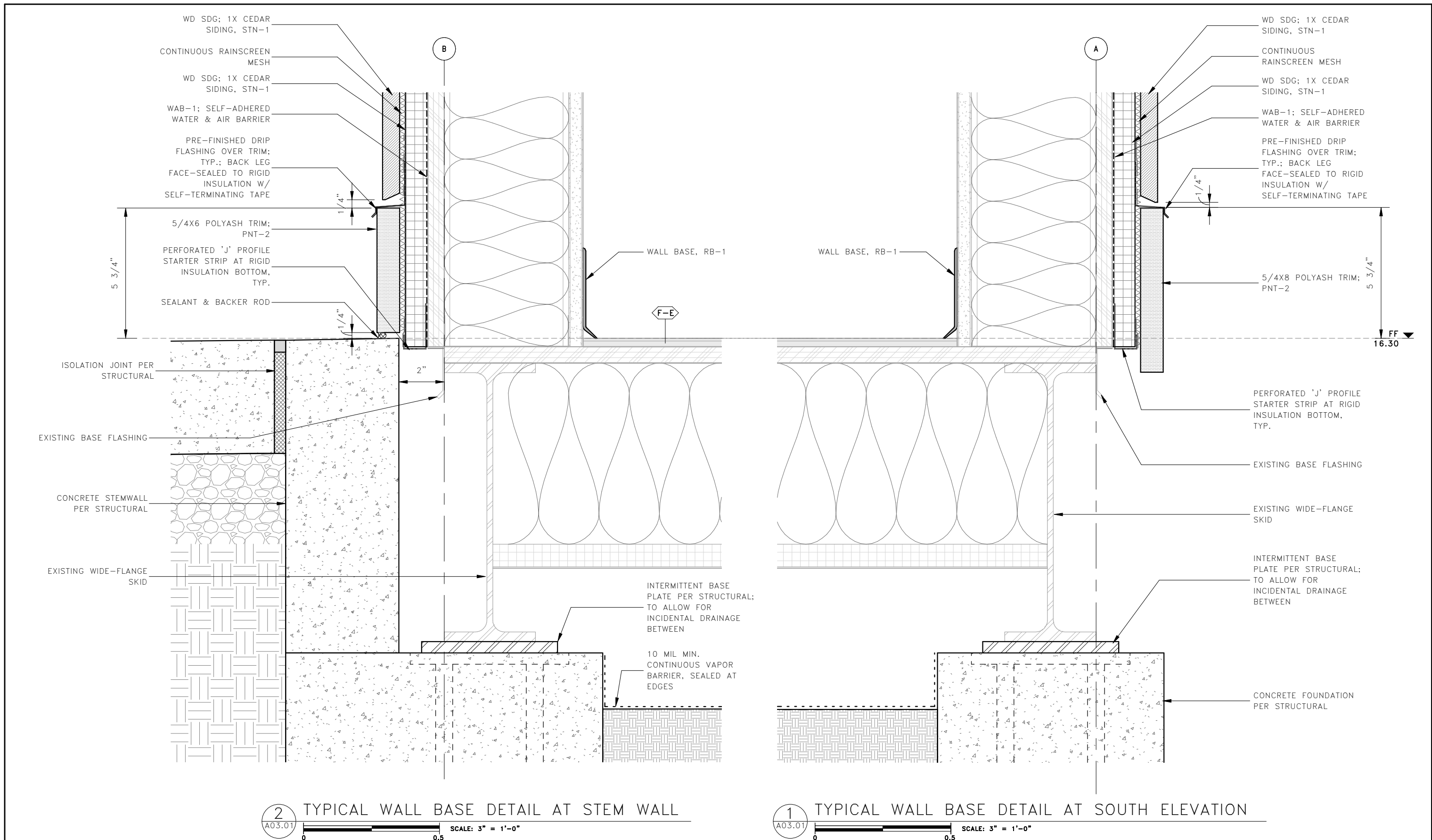
SHEET



54

OF

119

SHEETS

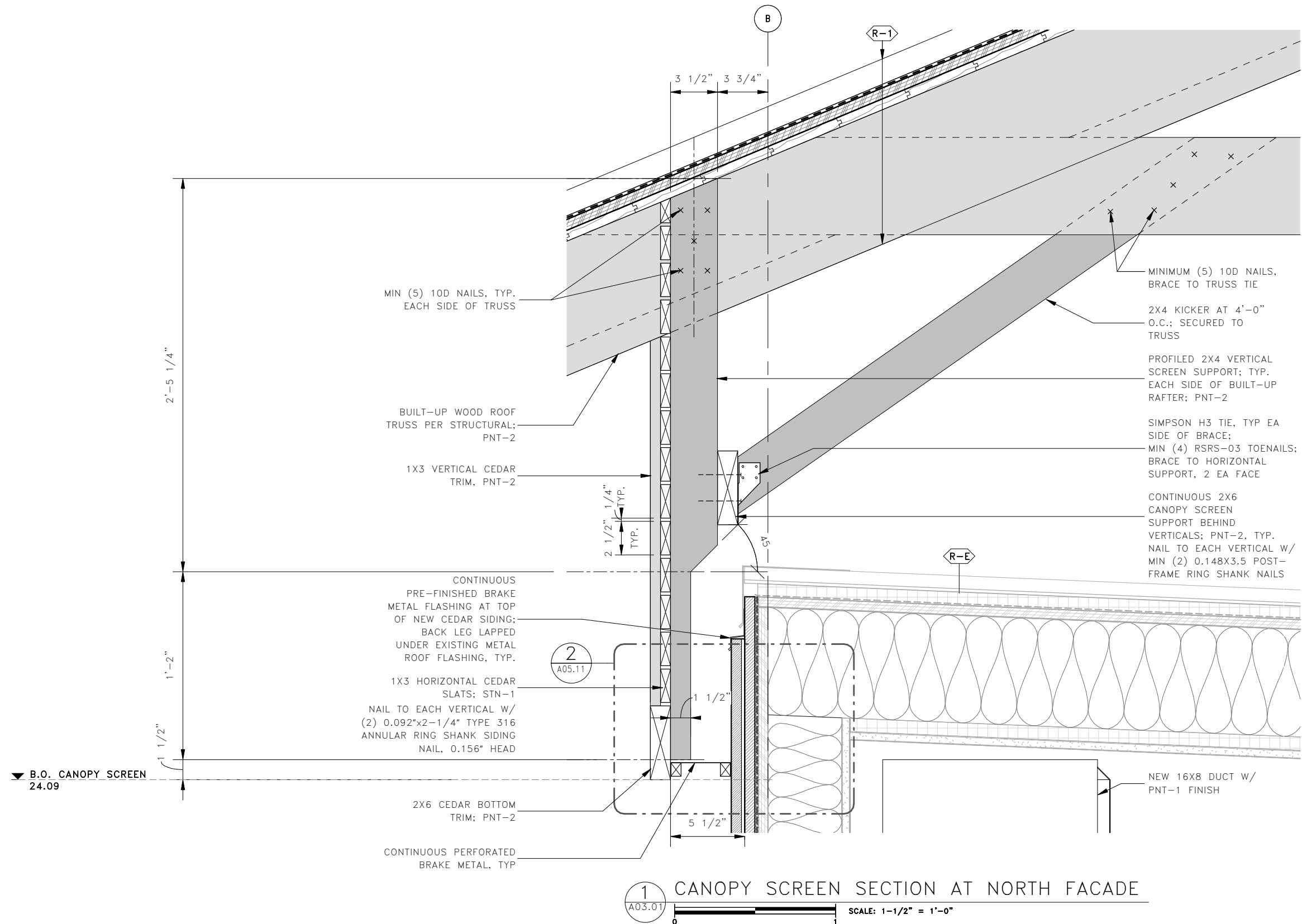


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PRINTED:															LAST PRINTED BY:					FED.AID PROJ.NO.				
SUBMITTAL DATE: 12/07/2023					T.WINDAHL										*-WA-*					55				
DESIGNED BY: T. WINDAHL															REGION NO. STATE					OF				
ENTERED BY: T. WINDAHL															10 WASH					119				
CHECKED BY: R. MATYJAS															JOB NUMBER					SHEETS				
MAR PROJ ENGR: C. TORRES															20W091									
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					REVISION					DATE BY					DATE									









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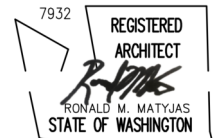
REVISION

DATE

BY

FED.AID PROJ.NO.  
 \*-WA-\*\*\*  
 REGION NO. STATE  
 10 WASH  
 JOB NUMBER  
 20W091  
 CONTRACT NO.  
 00\*\*\*\*

DATE

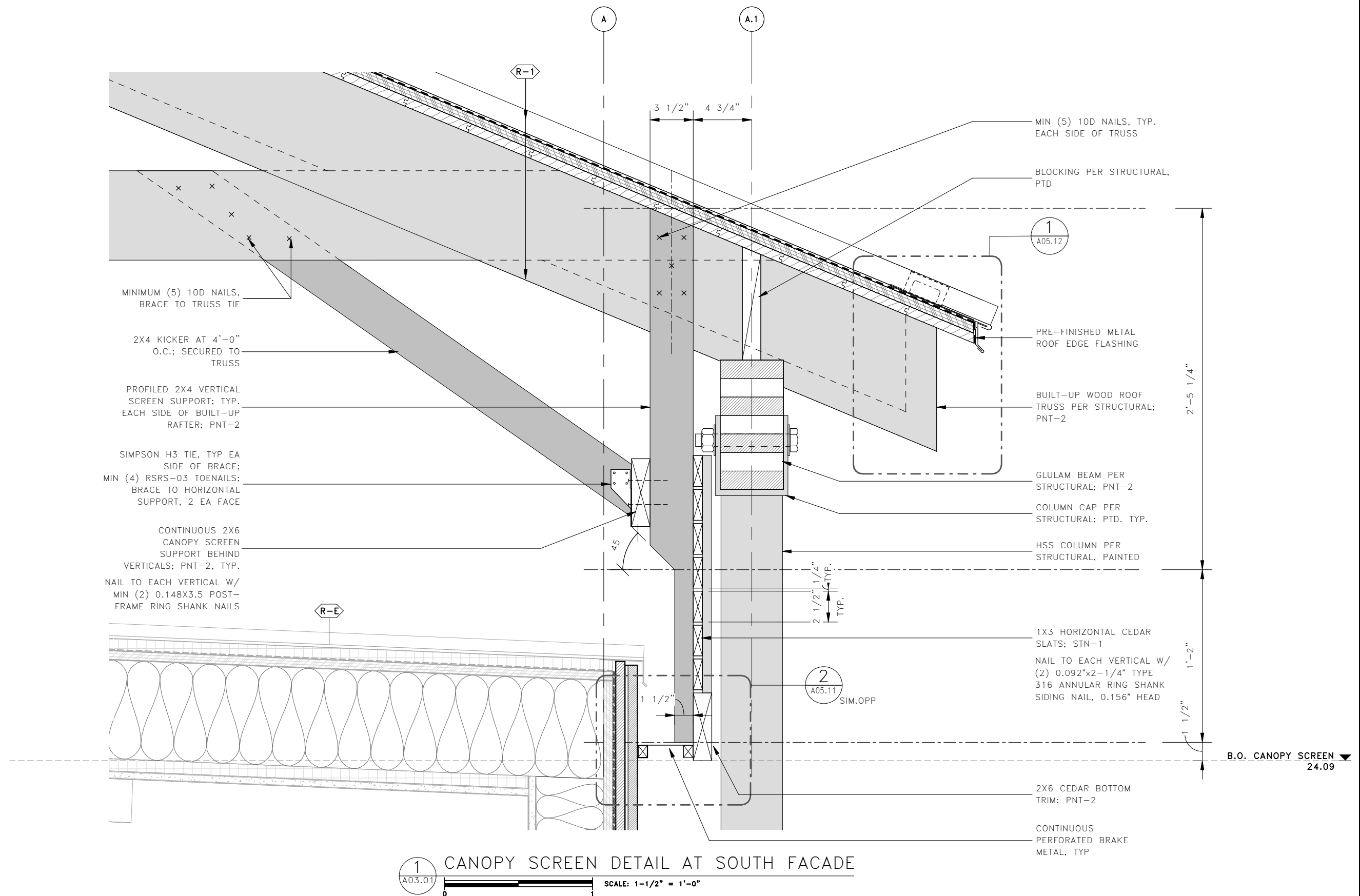


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 DATE



SR20  
 COUPEVILLE FERRY TERMINAL  
 AGENT'S OFFICE  
 CANOPY SCREEN DETAIL- NORTH

A05.06  
 SHEET  
 57  
 OF  
 119  
 SHEETS



1 CANOPY SCREEN DETAIL AT SOUTH FACADE

FILE NAME: G:\Proj\CO\\*\*\*\*

PRINTED: 4/21/2023  
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 ASST SECRETARY: P. RUBSTELLO

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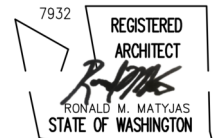
REVISION

DATE

BY

FED.AID PROJ.NO.  
 \*-WA-\*\*\*  
 REGION NO. STATE  
 10 WASH  
 JOB NUMBER  
 20W091  
 CONTRACT NO.  
 00\*\*\*\*

DATE

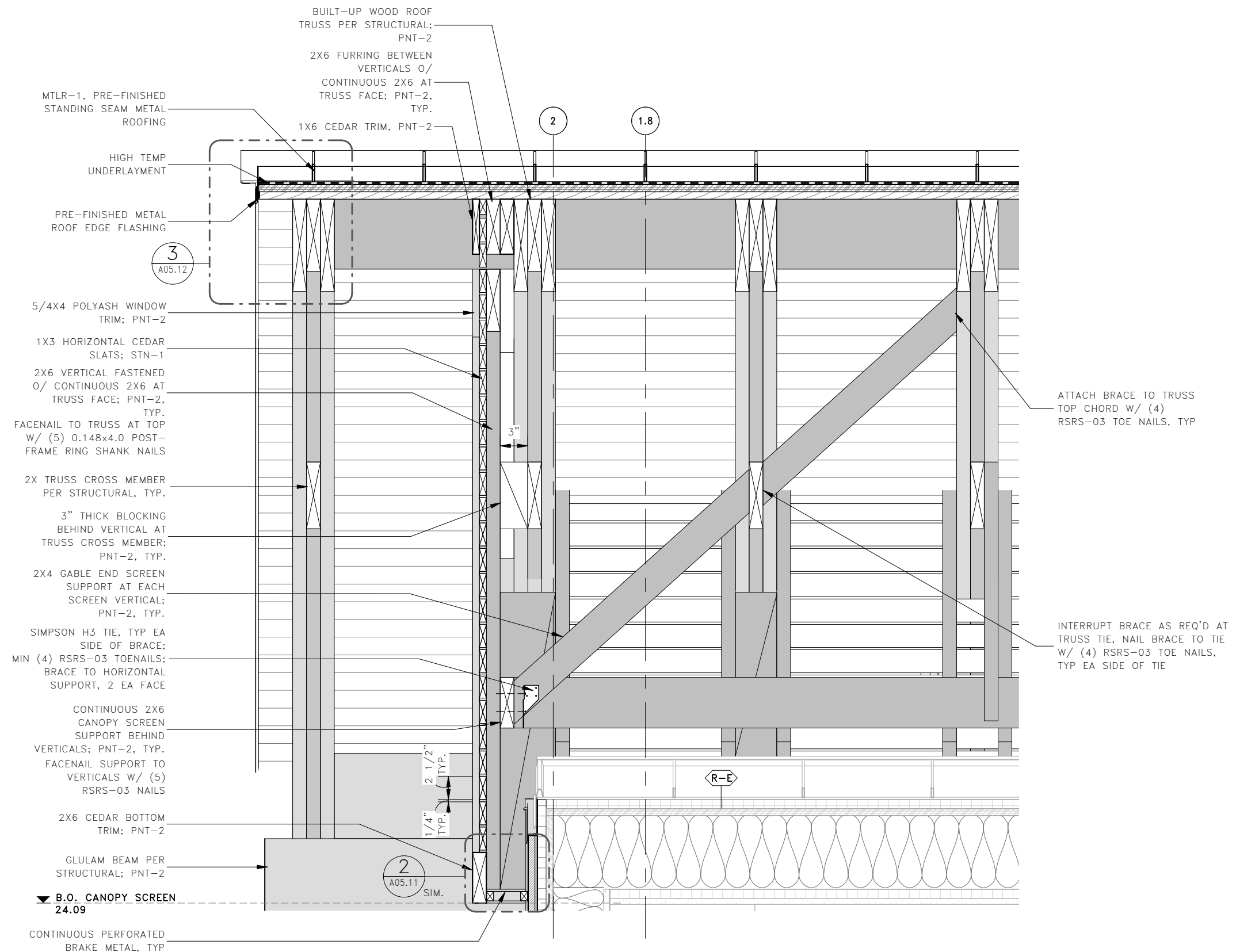


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SR20  
 COUPEVILLE FERRY TERMINAL  
 AGENT'S OFFICE  
 CANOPY SCREEN DETAIL - SOUTH

A05.07  
 SHEET  
 58  
 OF  
 119  
 SHEETS



1 CANOPY SCREEN DETAIL AT WEST FACADE  
A03.02

FILE NAME: G:\Proj\CO\\*\*\*\*

PRINTED:  
SUBMITTAL DATE: 4/21/2023  
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ASST SECRETARY: P. RUBSTELLO

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T.WINDAHL

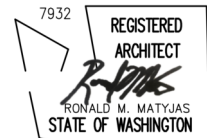
REVISION

DATE

BY

FED.AID  
PROJ.NO.  
\*-WA-\*\*\*  
REGION NO. STATE  
10 WASH  
JOB NUMBER  
20W091  
CONTRACT NO.  
00\*\*\*\*

DATE

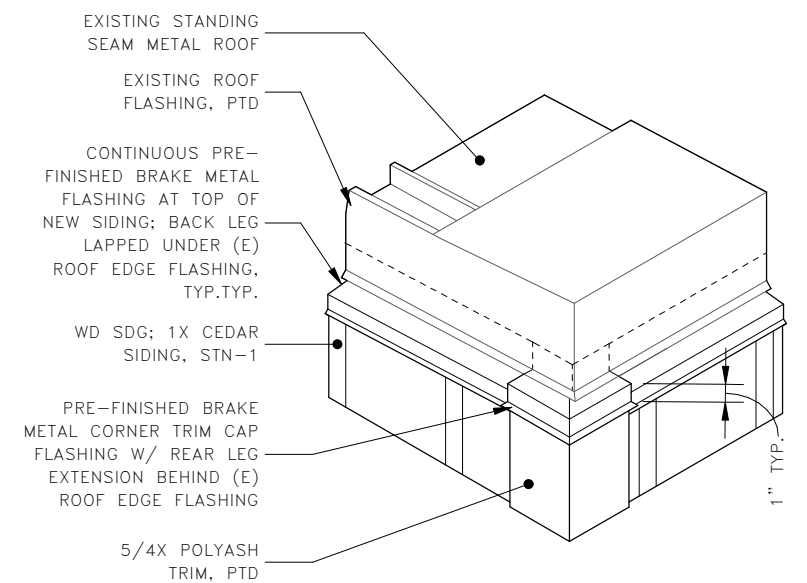
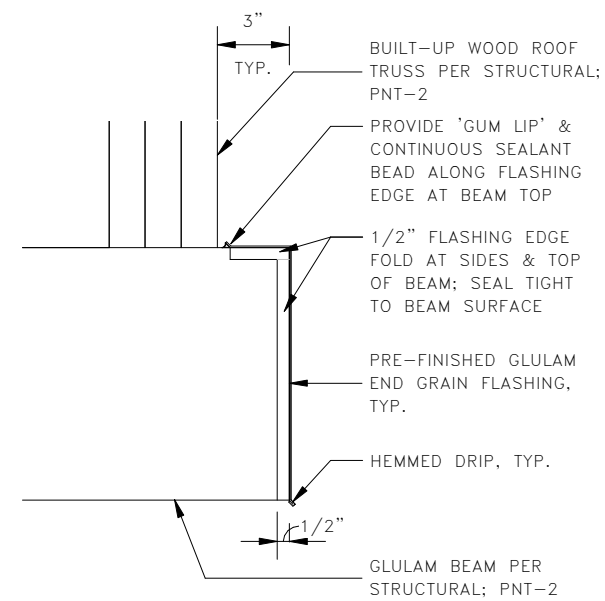


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DATE



SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
CANOPY SCREEN DETAIL - WEST

A05.08  
SHEET  
59  
OF  
119  
SHEETS



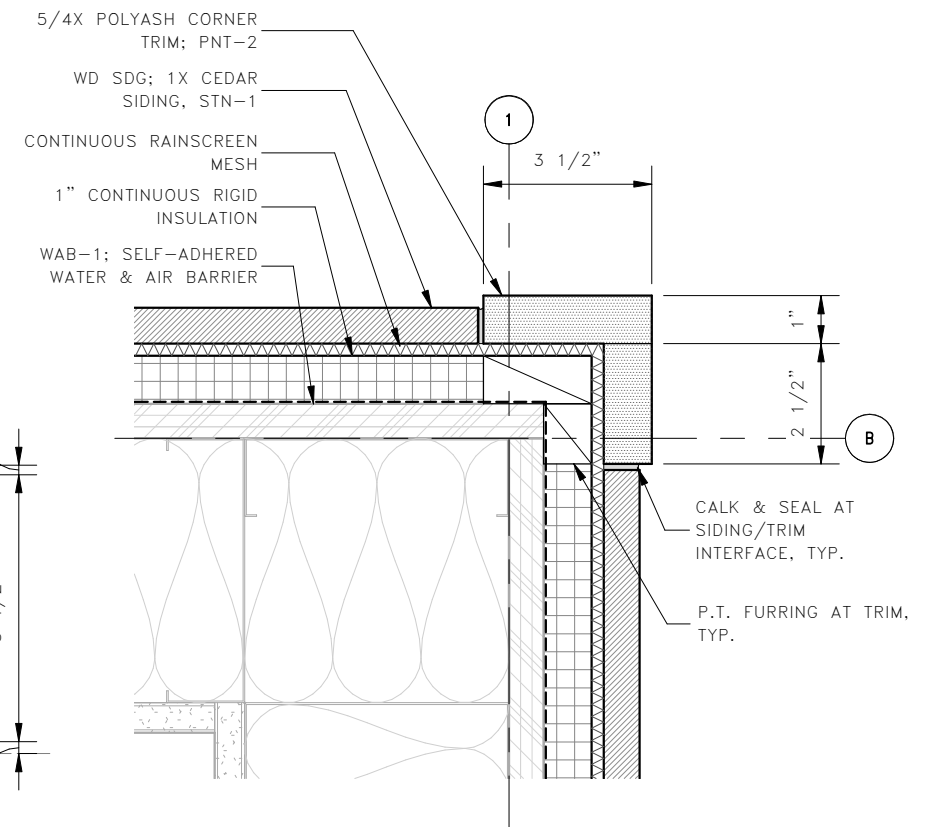
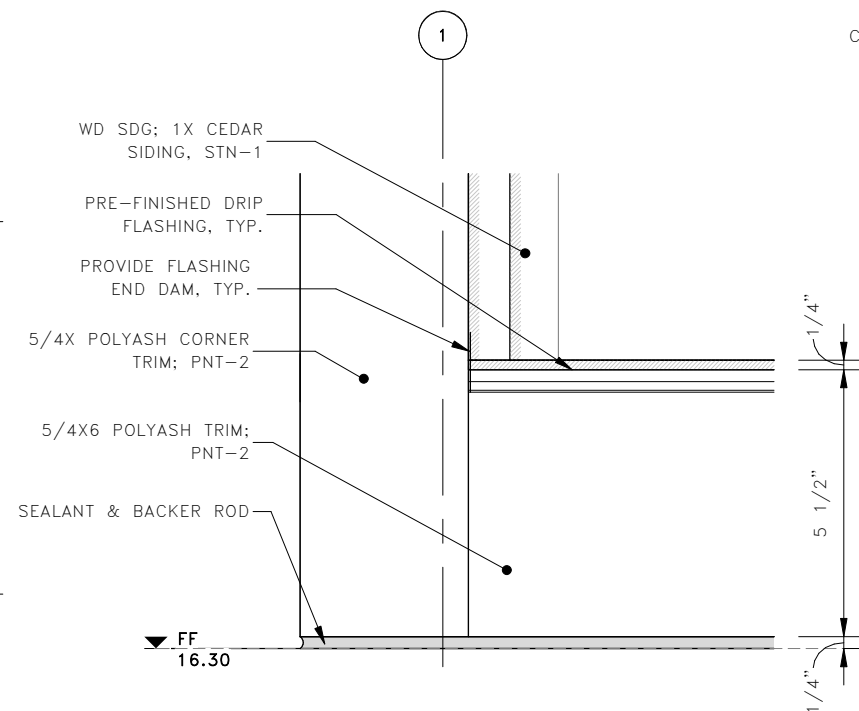
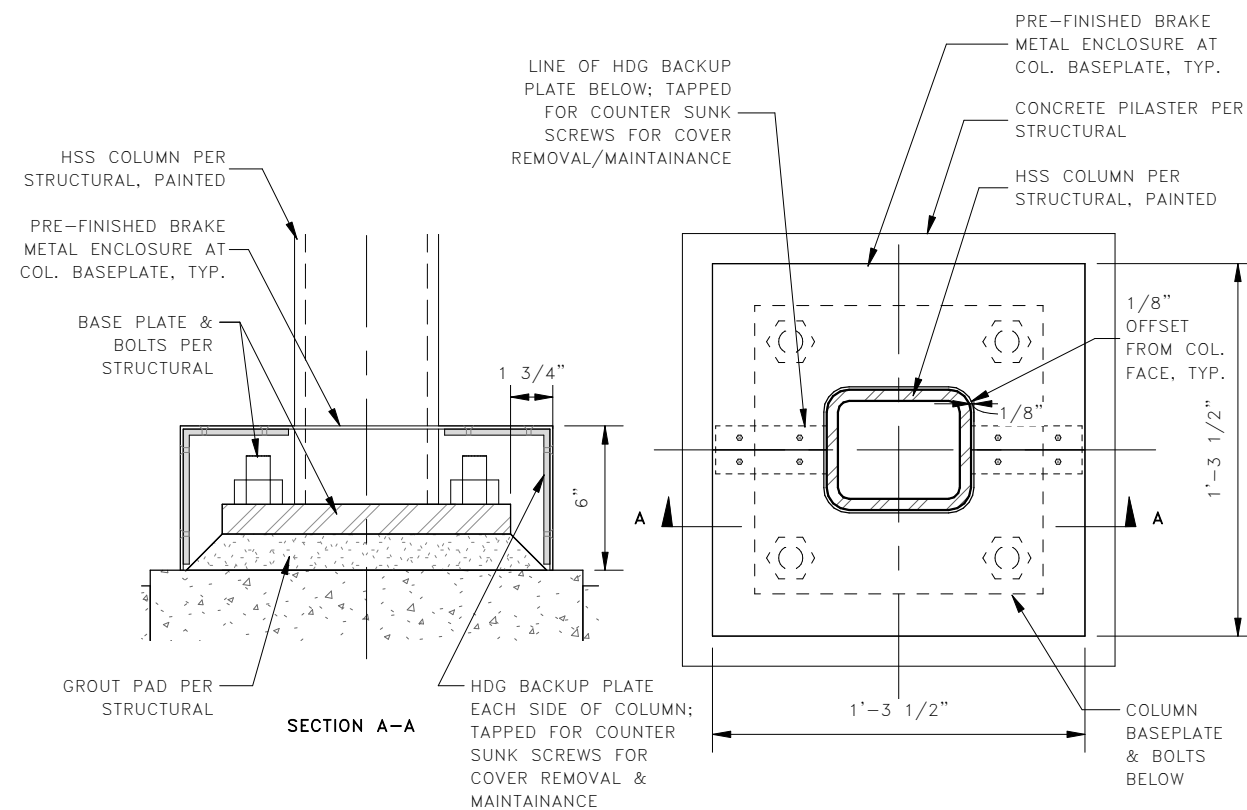
4 BEAM END GRAIN FLASHING

A03.02

0 1

SCALE: 1-1/2" = 1'-0"

2 CORNER TRIM FLASHING DETAIL  
A02.01 NTS



5 BASE PLATE COVER DETAIL

A01.03

0 1

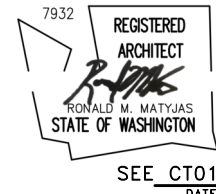
SCALE: 1-1/2" = 1'-0"

3 CORNER TRIM ELEVATION DETAIL  
A02.01  
0 0.5 SCALE: 3" = 1'-0"

1 CORNER TRIM PLAN DETAIL  
A01.03 0 0.5 SCALE: 3" = 1'-0"

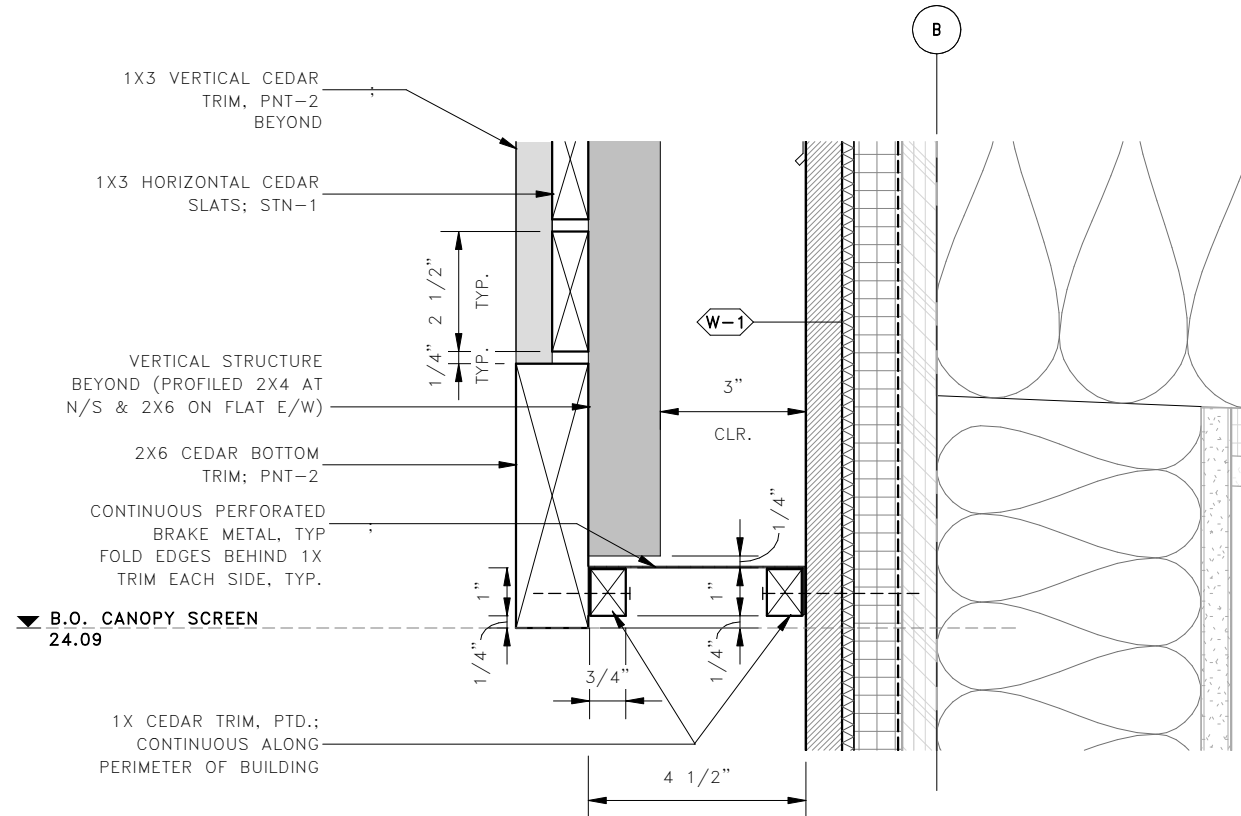
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SUBMITTAL DATE: 4/21/2023		T.WINDAHL					
DESIGNED BY: T. WINDAHL						*-WA-***	
ENTERED BY: T. WINDAHL						REGION NO.	STATE
CHECKED BY: R. MATYJAS						10	WASH
MAR PROJ ENGR: C. TORRES						JOB NUMBER	
PM & ENGR MNGR: C. CHEN						20W091	
ASST SECRETARY: P. RUBSTELLO				REVISION		DATE	BY
						CONTRACT NO. 00****	

DATE
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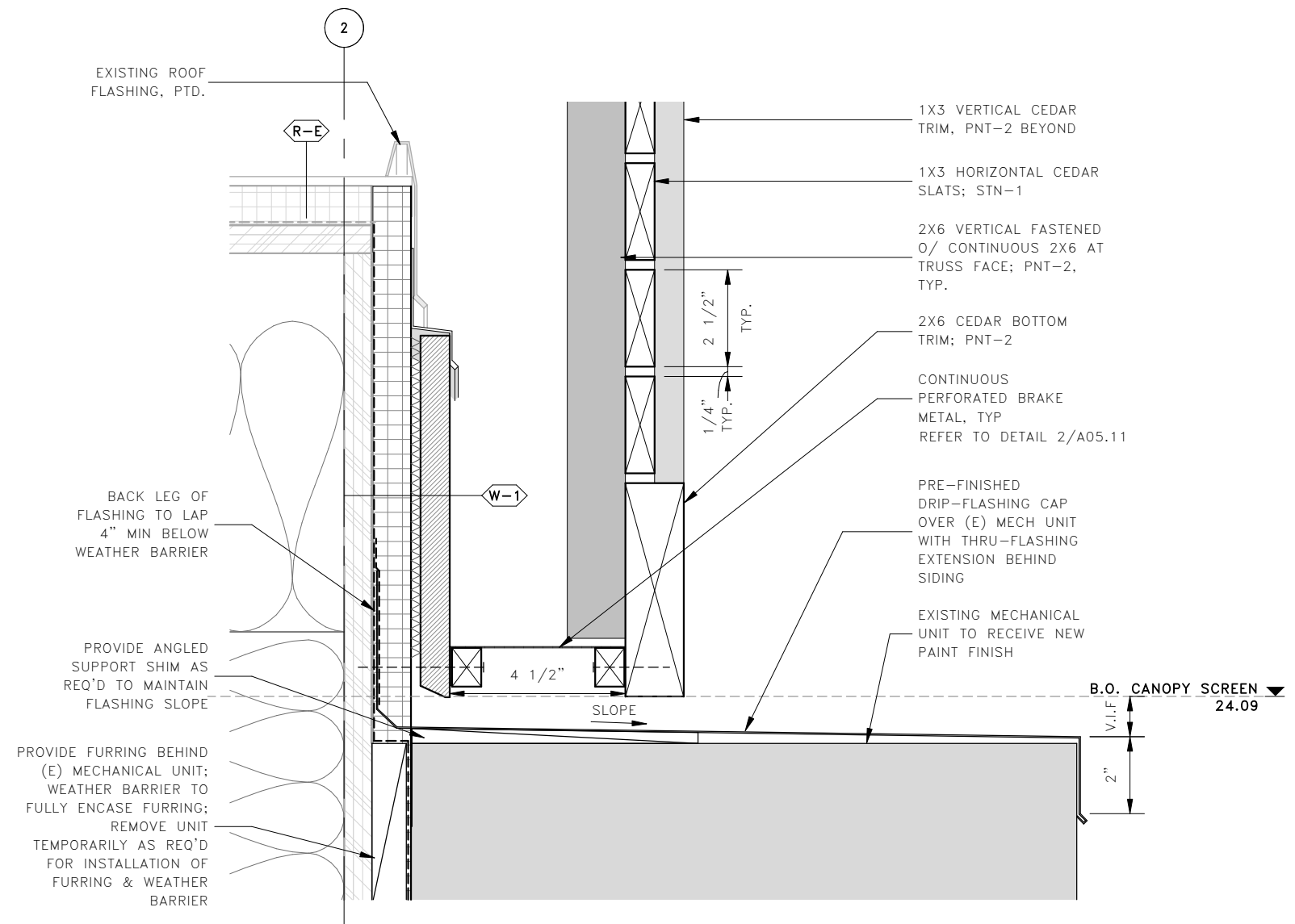


SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
DETAILS

A05.10
SHEET 60 OF 119 SHEETS



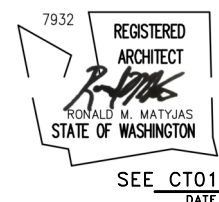
2 TYPICAL METAL FLASHING DETAIL AT CANOPY SCREEN  
A05.06 SCALE: 3" = 1'-0"



1 SECTION FLASHING DETAIL AT EXISTING MECHANICAL EQPT.  
A02.02 SCALE: 3" = 1'-0"

FILE NAME: G:\Proj\CO\****				
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CHECKED BY: R. MATYJAS				JOB NUMBER
MAR PROJ ENGR: C. TORRES				20W091
PM & ENGR MNGR: C. CHEN				CONTRACT NO.
ASST SECRETARY: P. RUBSTELLO				00****
	REVISION	DATE	BY	

DATE



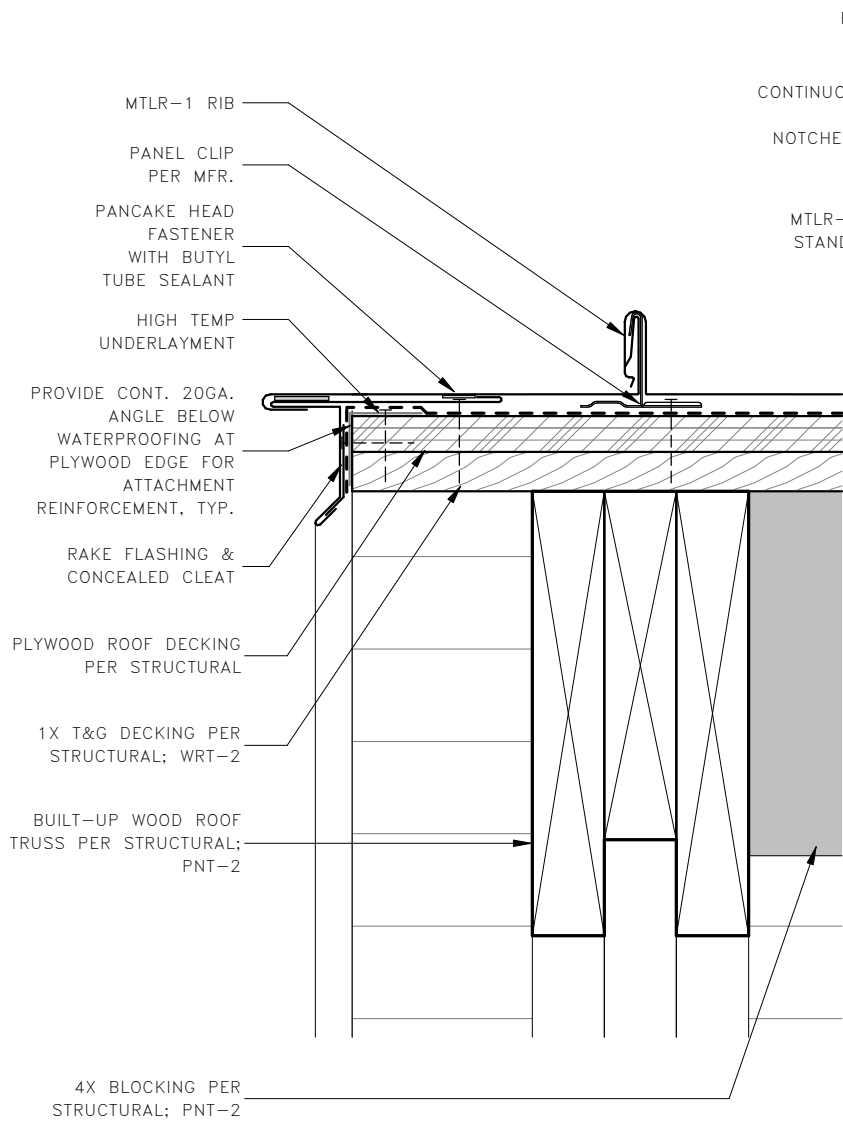
SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
DETAILS

A05.11  
SHEET  
61  
OF  
119  
SHEETS

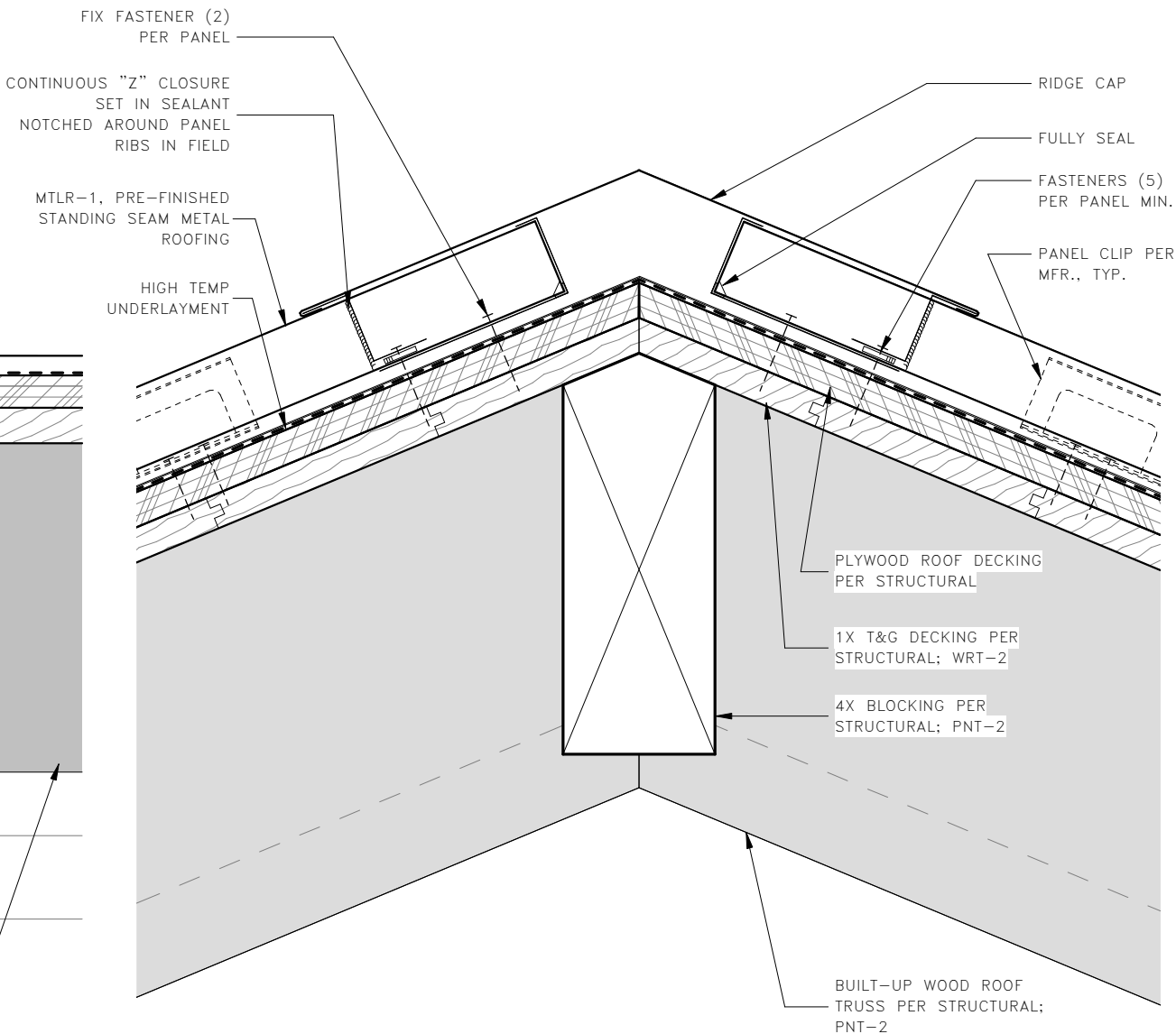


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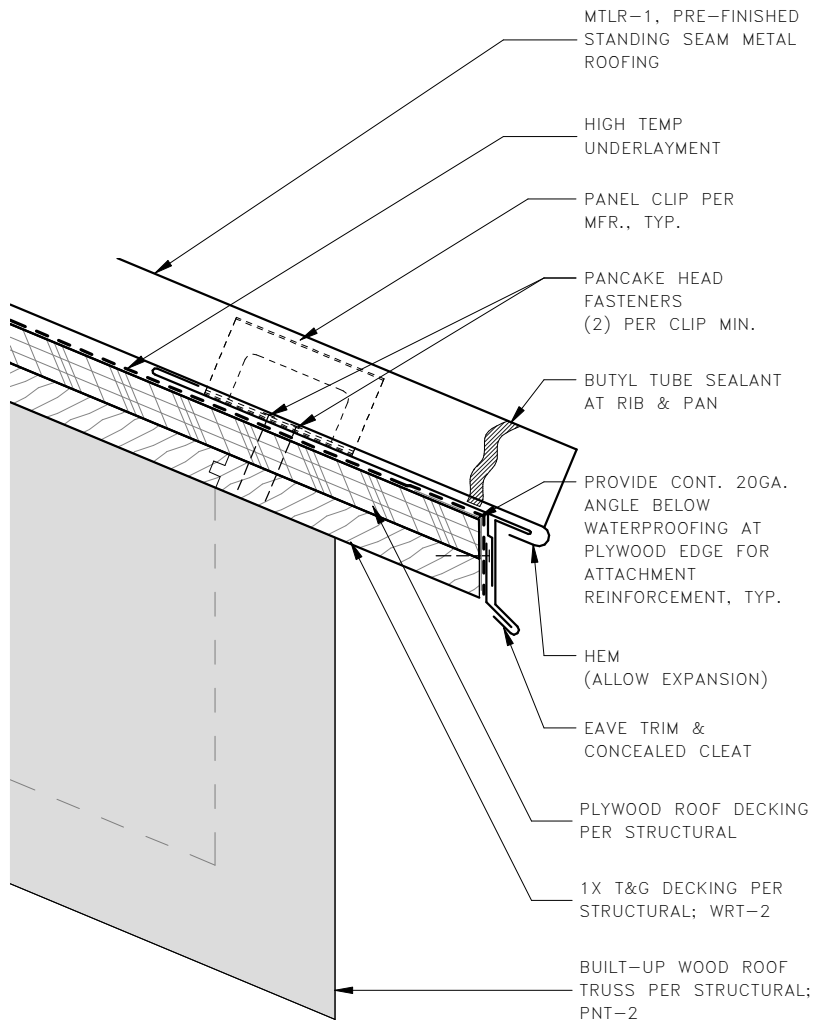
1. ROOF DETAILS THIS SHEET ARE TO BE INTERPRETED IN CONJUNCTION WITH METAL ROOF MANUFACTURER'S STANDARD DETAILS & INSTALLATION REQUIREMENTS; ALERT PROJECT ENGINEER TO ANY CONFLICTS OR DISCREPANCIES
2. NO FASTENERS TO PENETRATE BOTTOM OF T&G SOFFIT, TYP.



3 TYPICAL GABLE EDGE DETAIL  
A05.08  
0 0.5 SCALE: 3" = 1'-0"



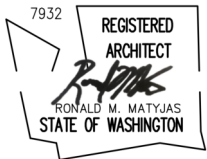
2 TYPICAL RIDGE DETAIL  
A03.01  
0 0.5 SCALE: 3" = 1'-0"



1 TYPICAL EAVE DETAIL  
A03.01  
0 0.5 SCALE: 3" = 1'-0"

FILE NAME: G:\Proj\CO\****				
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SUBMITTAL DATE: 4/21/2023	T.WINDAHL			*-WA-***
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CHECKED BY: R. MATYJAS				JOB NUMBER
MAR PROJ ENGR: C. TORRES				20W091
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ASST SECRETARY: P. RUBSTELLO				00****
	REVISION	DATE	BY	

DATE
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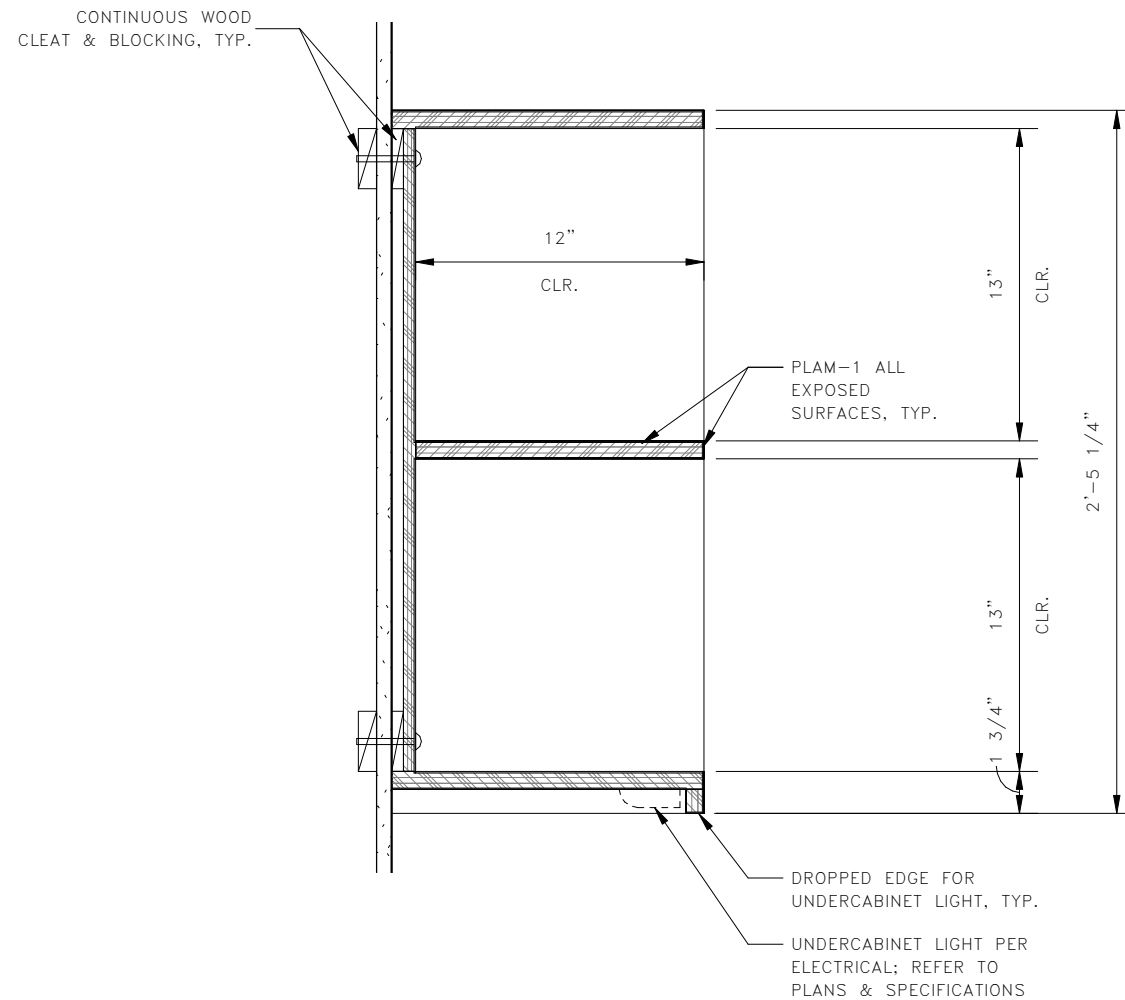
SEE CT01.00  
DATE



SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
CANOPY ROOF DETAILS

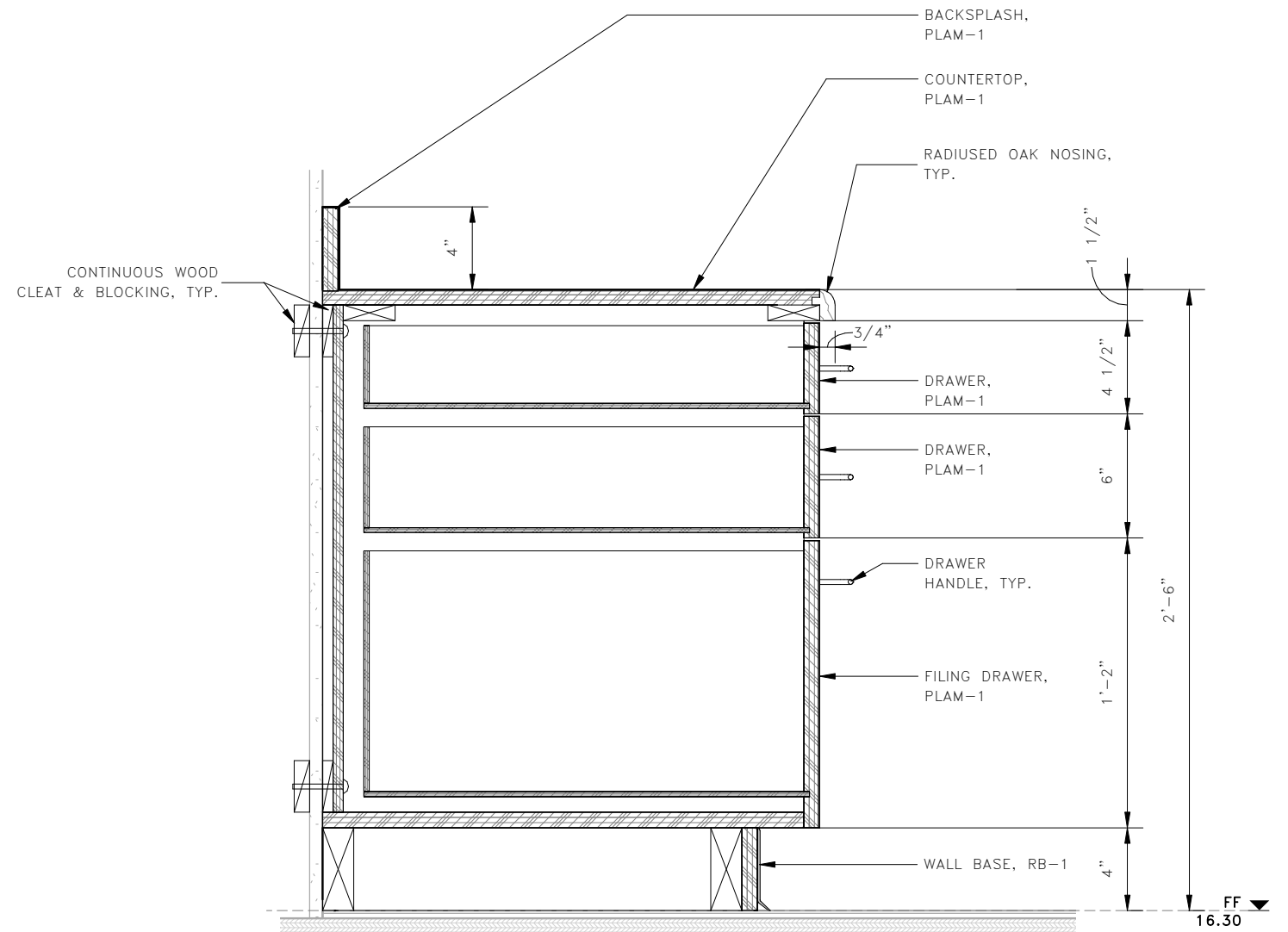
A05.12  
SHEET  
62  
OF  
119  
SHEETS





2 TYPICAL OPEN SHELVING SECTION

SCALE: 3" = 1'-0"



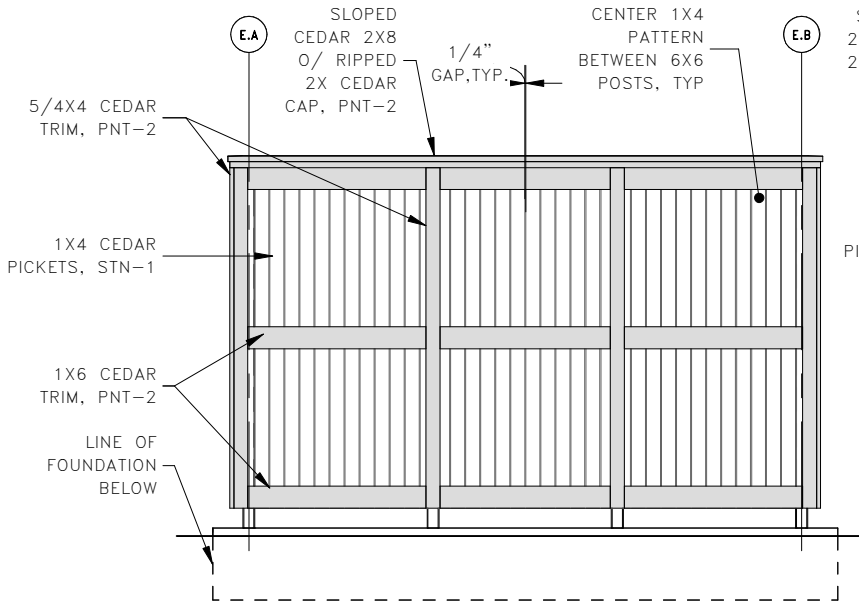
1 TYPICAL BASE CABINET SECTION

SCALE: 3" = 1'-0"

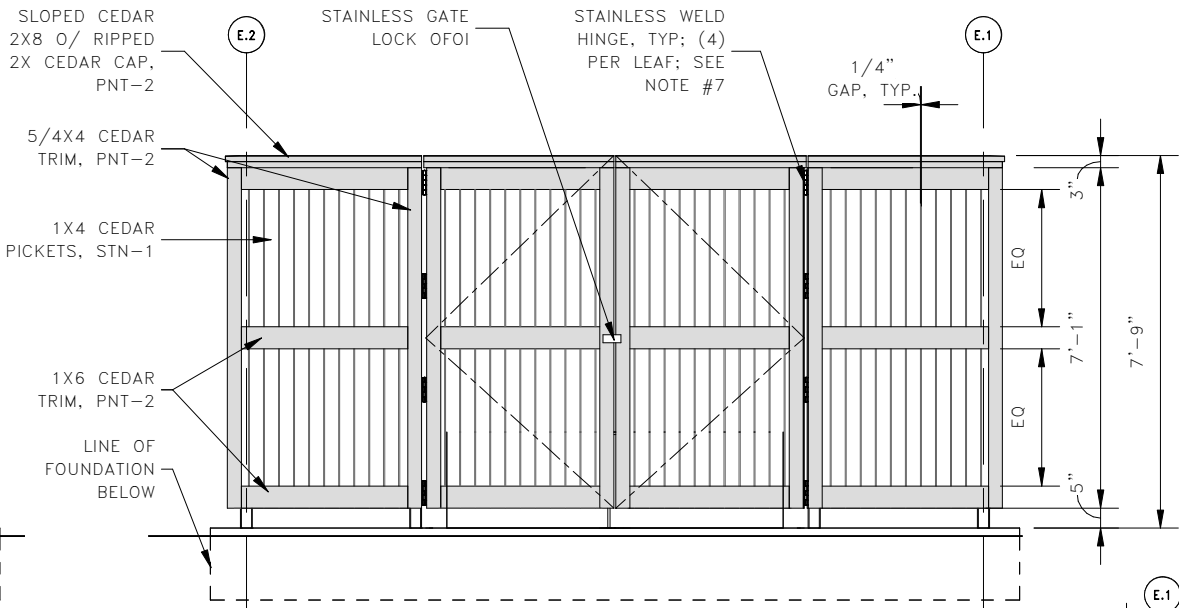
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PRINTED:	LAST PRINTED BY:													
SUBMITTAL DATE: 4/21/2023	T.WINDAHL				*-WA-***						COUPEVILLE FERRY TERMINAL		SHEET 63	
DESIGNED BY: T. WINDAHL					REGION NO. STATE						AGENT'S OFFICE		OF 119	
ENTERED BY: T. WINDAHL					10 WASH						CASEWORK DETAILS		SHEETS	
CHECKED BY: R. MATYJAS					JOB NUMBER									
MAR PROJ ENGR: C. TORRES					20W091									
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ASST SECRETARY: P. RUBSTELLO					00****									
REVISION					DATE		DATE		DATE					

NOTES

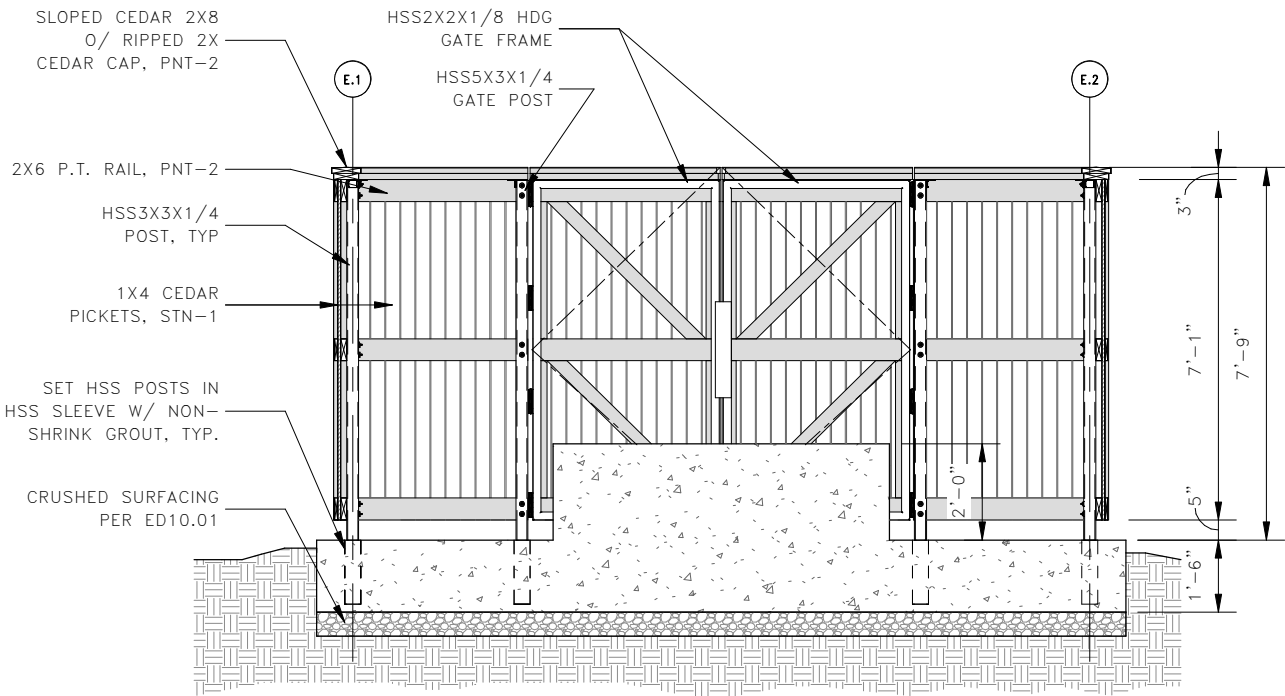
- 1. SEE DRAWINGS ED10.00-ED10.02 FOR ELECTRICAL EQUIPMENT AND CONCRETE REINFORCING NOT SHOWN.
- 2. DIMENSIONS WITH AN ASTERISK \* ARE APPROXIMATE AND ARE DEPENDENT ON THE ELECTRICAL EQUIPMENT DIMENSIONS. SEE SHEET ED10.01 FOR DETAILS
- 3. ALL HSS FENCE AND GATE POSTS SHALL BE CLOSE-ENDED W/ PL 1/4" AND SEAL WELDED AT TOP ONLY
- 4. ALL HSS FENCE AND GATE POSTS, AND EMBEDDED HSS SLEEVES SHALL BE HOT-DIPPED GALVANIZED. ANGLES AND PLATES, DETAILED IN DRAWINGS, TO BE WELDED TO POSTS PRIOR TO GALVANIZING.
- 5. HSS3X3X1/4 POSTS TO USE HSS4X4X1/8 X 1'-4" EMBEDDED SLEEVES. HSS5X3X1/4 GATE POSTS TO USE HSS6X4X1/8 X 1'-4" EMBEDDED SLEEVE
- 6. PAINT COLOR & STAIN OF FENCE & GATES TO MATCH THOSE SPECIFIED FOR THE AGENT'S OFFICE BUILDNG; REFER TO SPECIFICATIONS
- 7. GATE HINGES BASIS-OF-DESIGN PRODUCT: GUDEN #700060601837 6X6X0.180 X 0.375 STS TYPE 304 SPUN BOTH ENDS; OR APPROVED EQUAL  
16'-10" \*



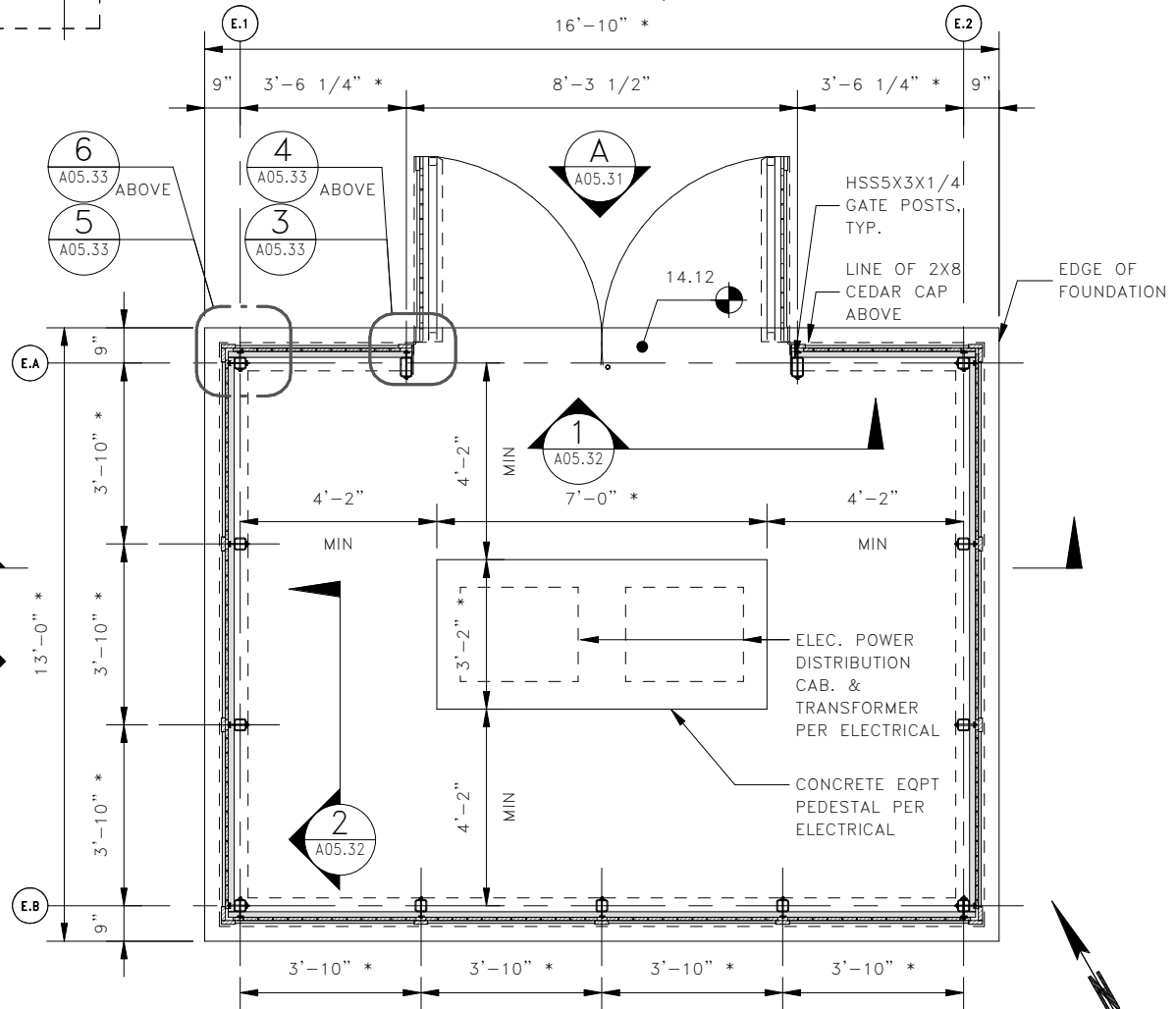
B SIDE ELEVATION  
A05.31 SCALE: 1/4" = 1'-0"



A FRONT ELEVATION  
A05.31 SCALE: 1/4" = 1'-0"



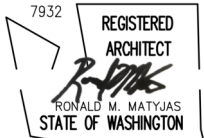
2 ELECTRICAL SCREENING SECTION  
A05.31 SCALE: 1/4" = 1'-0"



1 ELECTRICAL SCREENING FENCE PLAN  
A01.02 SCALE: 1/4" = 1'-0"

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ASST SECRETARY: P. RUBSTELLO				00****
	REVISION	DATE	BY	

DATE
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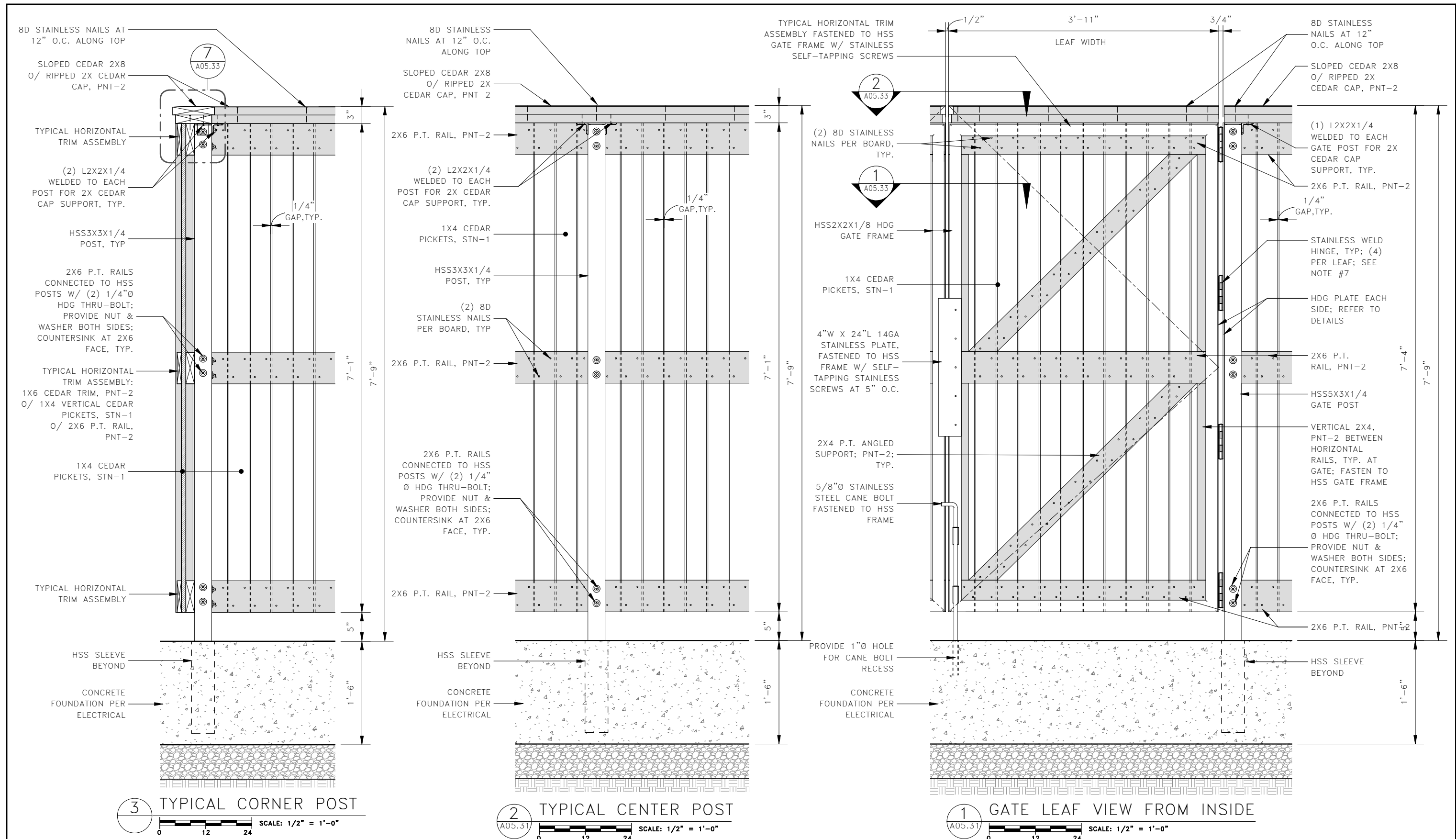


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DATE

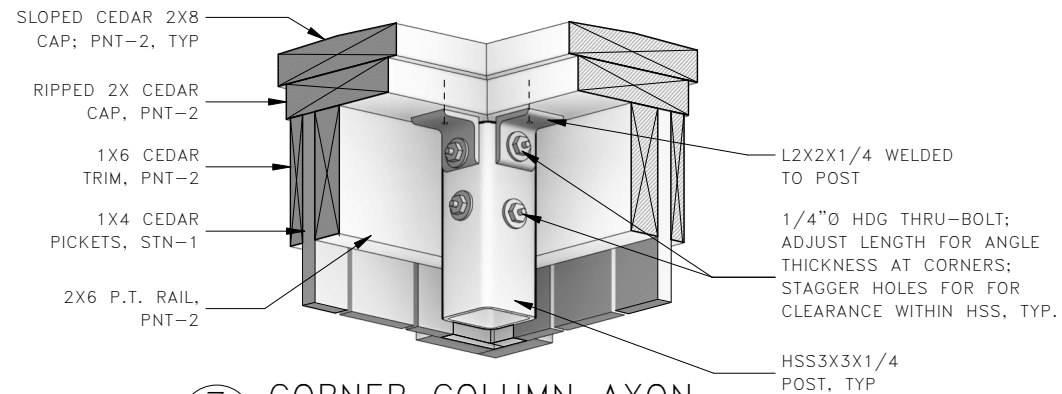


SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
ELECTRICAL SCREENING FENCE DETAILS

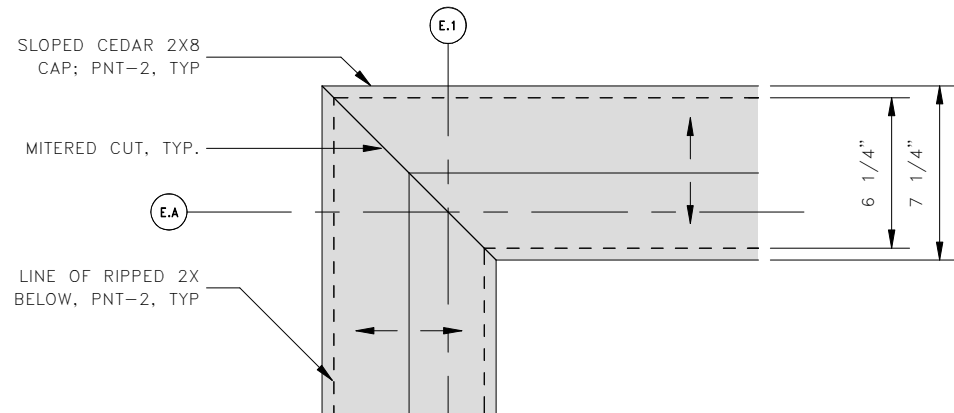
A05.31  
SHEET  
64  
OF  
119  
SHEETS



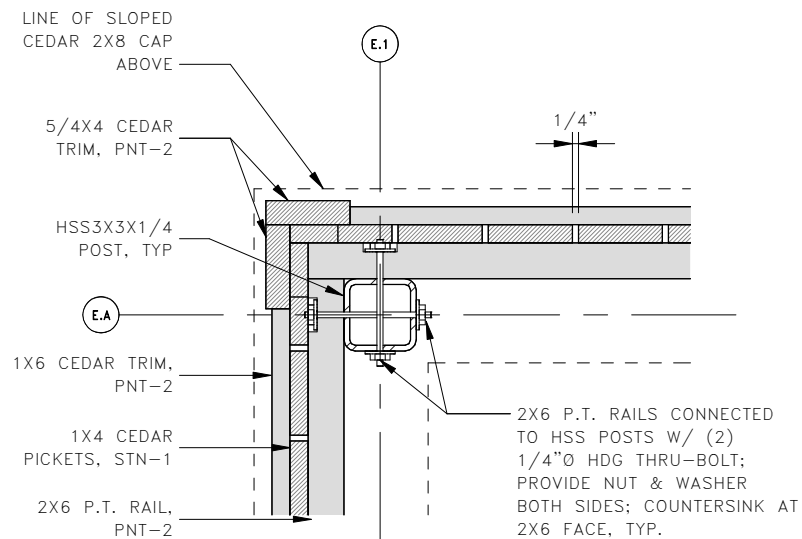
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SUBMITTAL DATE: 4/21/2023				REGION NO. STATE				RONALD M. MATYJAS				AGENT'S OFFICE				65			
DESIGNED BY: T. WINDAHL				JOB NUMBER				STATE OF WASHINGTON				ELECTRICAL SCREENING FENCE DETAILS				OF			
ENTERED BY: T. WINDAHL				CONTRACT NO.				SEE CT01.00								119			
CHECKED BY: R. MATYJAS				DATE				WASHINGTON STATE FERRIES								SHEETS			
MAR PROJ ENGR: C. TORRES																			
PM & ENGR MNGR: C. CHEN																			
ASST SECRETARY: P. RUBSTELLO																			
REVISION																			
DATE																			
BY																			



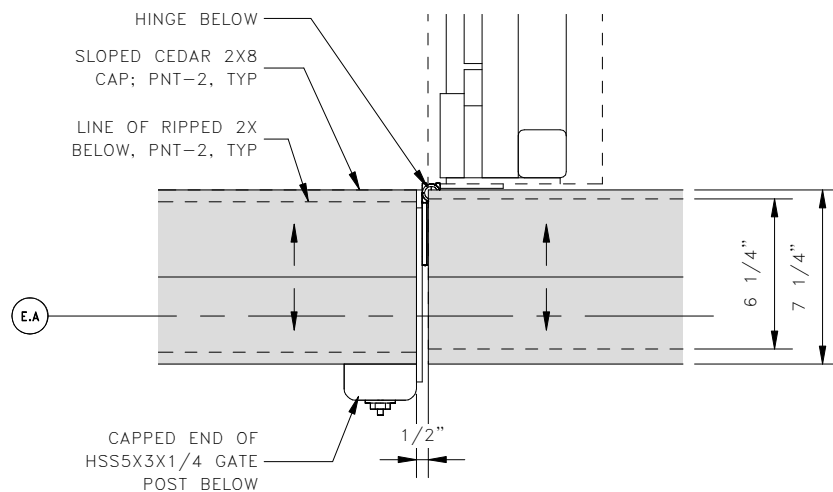
7 CORNER COLUMN AXON  
A05.32 SCALE: 1-1/2" = 1'-0"



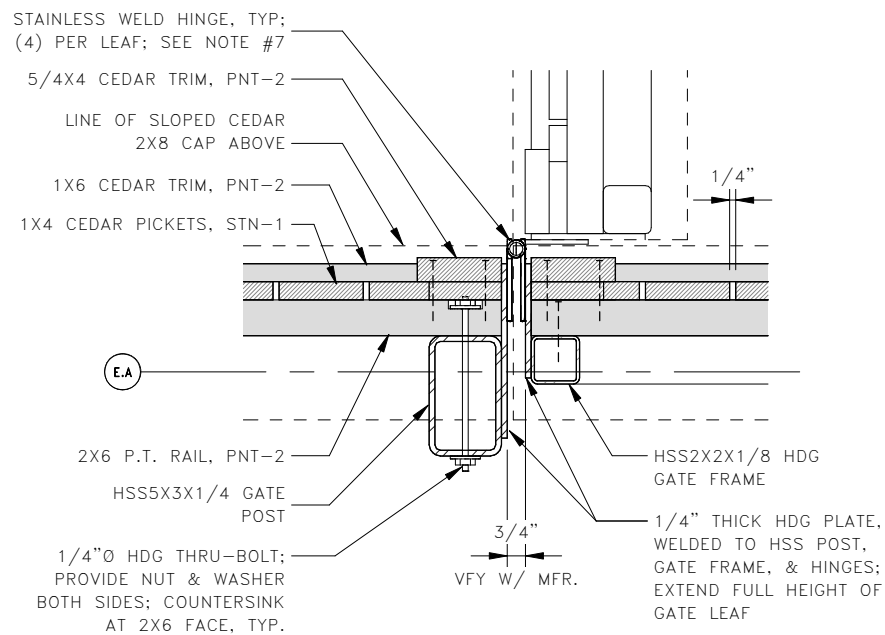
6 CORNER PLAN DETAIL ABOVE  
A05.31 SCALE: 1-1/2" = 1'-0"



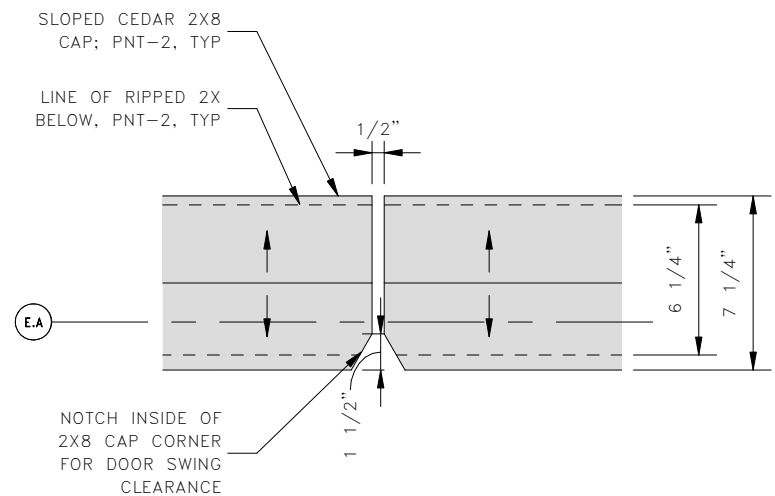
5 CORNER PLAN DETAIL  
A05.31 SCALE: 1-1/2" = 1'-0"



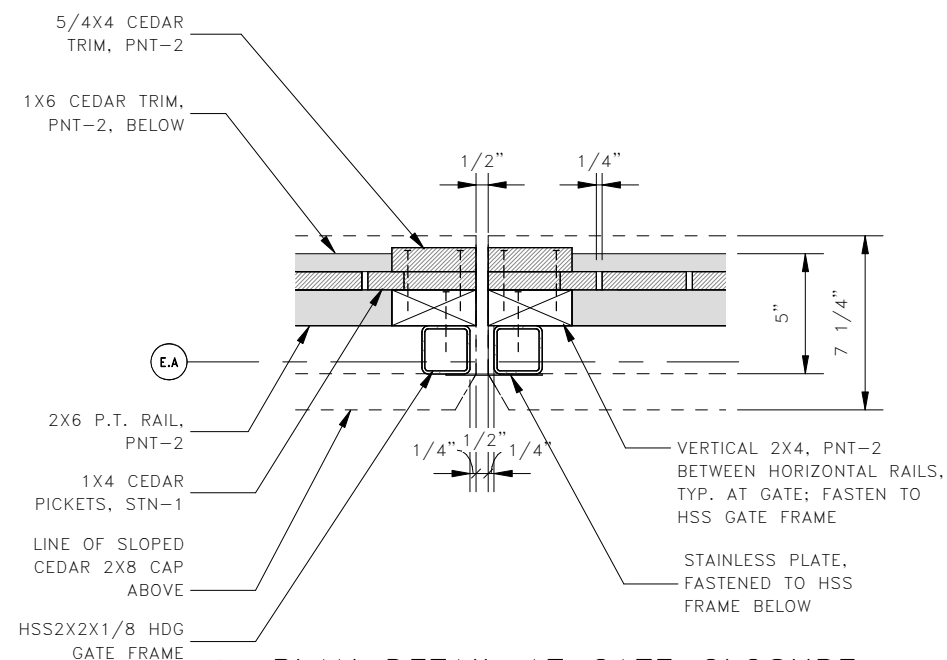
4 PLAN DETAIL ABOVE GATE HINGE  
A05.31 SCALE: 1-1/2" = 1'-0"



3 PLAN DETAIL AT GATE HINGE  
A05.31 SCALE: 1-1/2" = 1'-0"



2 PLAN DETAIL ABOVE GATE CLOSURE  
A05.32 SCALE: 1-1/2" = 1'-0"



1 PLAN DETAIL AT GATE CLOSURE  
A05.32 SCALE: 1-1/2" = 1'-0"

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DESIGNED BY: T. WINDAHL  
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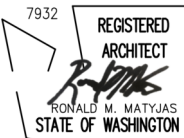
REVISION

DATE

BY

FED.AID  
PROJ.NO.  
\*-WA-\*\*\*  
REGION NO. STATE  
10 WASH  
JOB NUMBER  
20W091  
CONTRACT NO.  
00\*\*\*\*

DATE



SEE CT01.00  
DATE



SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE

ELECTRICAL SCREENING FENCE DETAILS

A05.33

SHEET  
66  
OF  
119  
SHEETS



## STRUCTURAL SHEET INDEX

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DENOTES SHEET INCLUDED IN SET

"X" DENOTES SHEET INCLUDED IN SET



FILE NAME: S00.00_STRUCTURAL ABBREVIATIONS & STRUCTURAL SHEET INDEX.dwg											 <b>Washington State</b> <b>Department of Transportation</b> WASHINGTON STATE FERRIES	SR20			S00.00
PRINTED: 8:21:29 AM 12/5/2023		LAST PRINTED BY:		FED.AID PROJ.NO.		COUPEVILLE FERRY TERMINAL			SHEET						
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DESIGNED BY: R. MAAS				REGION NO. STATE		STRUCTURAL ABBREVIATIONS			OF						
ENTERED BY: M. NAYRA				10 WASH		& STRUCTURAL SHEET INDEX			119						
CHECKED BY: H. NADERI				JOB NUMBER 20W091					SHEETS						
MAR PROJ ENGR: L. LU				CONTRACT NO. 00****											
DGN ENGR MNGR: C. CHEN															
ASST SECRETARY: P. RUBSTELLO		REVISION		DATE BY											

G. STRUCTURAL – GENERAL

G1 SCOPE

THE NOTES AND DETAILS ON THIS SHEET ARE GENERAL AND APPLY TO THE ENTIRE PROJECT EXCEPT WHERE THERE ARE SPECIFIC INDICATIONS TO THE CONTRARY.

G2 APPLICABLE SPECIFICATIONS AND CODES

CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2018 EDITION OF THE WASHINGTON STATE BUILDING CODE, THE 2018 EDITION OF THE INTERNATIONAL BUILDING CODE AND ISLAND COUNTY LOCAL AMENDMENTS. THE ABOVE SHALL GOVERN EXCEPT WHERE OTHER APPLICABLE CODES OR THE CONTRACT DOCUMENTS ARE MORE RESTRICTIVE.

G3 DIMENSIONS

STRUCTURAL DIMENSIONS CONTROLLED BY OR RELATED TO FIELD CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. DEVIATIONS FROM THAT WHICH IS SHOWN ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALES SHOWN ON THE DRAWINGS.

G4 CONSTRUCTION LOADS

STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS ON THE COMPLETED STRUCTURE. DURING CONSTRUCTION, THE STRUCTURES SHALL BE PROTECTED BY BRACING AND SUPPORTS AS REQUIRED. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND MAINTENANCE OF TEMPORARY SUPPORTS. THE DESIGN OF THE TEMPORARY SUPPORTS SHALL BE PERFORMED BY AN ENGINEER LICENSED IN THE STATE OF THE PROJECT AND HIRED BY THE CONTRACTOR.

G5 PROVISIONS FOR EQUIPMENT

MECHANICAL AND ELECTRICAL EQUIPMENT SUPPORTS, ANCHORAGES, OPENINGS, PIPE SLEEVES, RECESSES, AND REVEALS NOT SHOWN ON THE STRUCTURAL DRAWINGS, BUT REQUIRED BY OTHER CONTRACT DRAWINGS SHALL BE PROVIDED FOR, PRIOR TO CASTING CONCRETE.

F. STRUCTURAL DESIGN

F1 DESIGN CODE

DESIGN IS IN ACCORDANCE WITH THE 2018 EDITION OF THE WASHINGTON STATE BUILDING CODE, THE 2018 EDITION OF THE INTERNATIONAL BUILDING CODE AND ISLAND COUNTY LOCAL AMENDMENTS. THE ABOVE SHALL GOVERN EXCEPT WHERE OTHER APPLICABLE CODES OR THE CONTRACT DOCUMENTS ARE MORE RESTRICTIVE.

F2 DESIGN SOIL PRESSURE FOR FOUNDATIONS

FOUNDATION DESIGN IS BASED ON THE FINAL GEOTECHNICAL OFFICE MEMORANDUM "XL6039: SR 20 / COUPEVILLE FERRY TERMINAL – AGENT’S OFFICE / GEOTECHNICAL RECOMMENDATIONS FOR PROPOSED BUILDING” PREPARED BY WSDOT, DATED MARCH 24, 2021 AND AMENDMENT TO THE REPORT DATED OCTOBER 13, 2022.  
(1) ALLOWABLE BEARING PRESSURE (STRENGTH LIMIT STATE) = 22 KSF  
ALLOWABLE BEARING PRESSURE (SERVICE LIMIT STATE) = 0.5” MAX SETTLEMENT  
(2) ALLOWABLE LATERAL BEARING PRESSURE = 0 PCF / NOT USED  
(3) COEFFICIENT OF FRICTION = 0.60  
(4) MINIMUM FOUNDATION DEPTH = 24”  
(5) LIQUEFACTION RISK: POST–LIQUEFACTION SETTLEMENT UP TO 1” DIFFERENTIAL

F3 NON–STRUCTURAL COMPONENT DESIGN

MECHANICAL, ELECTRICAL, AND ARCHITECTURAL COMPONENTS THAT ARE NOT PART OF THE STRUCTURE SHALL BE DESIGNED BY THE CONTRACTOR IN ACCORDANCE WITH THE APPLICABLE CODES. THIS INCLUDES SUPPORT, FASTENING AND ANCHORAGE OF ALL COMPONENTS AND CLADDING SYSTEMS. ITEMS INCLUDE, BUT ARE NOT LIMITED TO, ELECTRICAL EQUIPMENT AND PANELS, MECHANICAL EQUIPMENT SUCH AS AIR HANDLERS AND HEAT PUMPS, AND ARCHITECTURAL COMPONENTS SUCH AS ROOFING AND WALL CLADDING. SUBMIT SUBSTANTIATING CALCULATIONS WHICH BEAR THE SEAL AND SIGNATURE OF AN ENGINEER LICENSED IN THE STATE OF THE PROJECT FOR APPROVAL.

H. FOUNDATIONS

H1 STRUCTURE EXCAVATIONS

STRUCTURE EXCAVATIONS SHALL BE IN ACCORDANCE WITH THE WSDOT STANDARD SPECIFICATIONS SECTION 2–09. THIS INCLUDES BUT IS NOT LIMITED TO EXCAVATION, SUBGRADE PREPARATION, BACKFILL, AND COMPACTION.

L. DESIGN LOADS

- A. LIVE  
(1) AGENT’S OFFICE FLOORS = 50 PSF / 2000 LBS CONCENTRATED  
(2) EXTERIOR AREAS = 100 PSF  
(3) ROOF = 20 PSF / 300 LBS CONCENTRATED
- B. SNOW  
(1) GROUND SNOW LOAD / PG = 25 PSF  
(2) MINIMUM FLAT ROOF SNOW LOAD / PF,MIN = 25 PSF  
(3) MINIMUM SLOPED ROOF SNOW LOAD / PS,MIN = 25 PSF  
(4) RISK CATEGORY = II  
(5) SNOW IMPORTANCE FACTOR / Is = 1.0  
(6) EXPOSURE CATEGORY = D  
(7) EXPOSURE FACTOR / Ce = 0.8  
(8) THERMAL FACTOR / Ct = 1.2  
(9) SLOPE FACTOR / Cs = 1.0
- C. WIND  
(1) ALLOWABLE STRESS DESIGN WIND SPEED / V<sub>asd</sub> = 78 MPH  
(2) NOMINAL DESIGN WIND SPEED / V = 100 MPH  
(3) RISK CATEGORY = II  
(4) WIND IMPORTANCE FACTOR / I<sub>w</sub> = 1.0  
(5) EXPOSURE CATEGORY = D  
(6) INTERNAL PRESSURE COEFFICIENTS  
+/-0.18 ENCLOSED BUILDINGS
- D. SEISMIC  
(1) RISK CATEGORY = II  
(2) IMPORTANCE FACTOR / I<sub>e</sub> = 1.0  
(3) SITE CLASS = C  
(4) S<sub>s</sub> = 1.395 / S<sub>1</sub> = 0.505  
(5) S<sub>DS</sub> = 1.116 / S<sub>D1</sub> = 0.503  
(6) SEISMIC DESIGN CATEGORY = D  
(7) SEISMIC ANALYTICAL PROCEDURE = EQUIVALENT LATERAL FORCE PROCEDURE  
(8) AGENT’S OFFICE  
COLD FORMED STEEL WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE  
R = 6.50 / Cs = 0.17 / V = 1.8K  
(9) CANOPY  
STEEL ORDINARY CANTILEVER COLUMN SYSTEM  
R = 1.25 / Cs = 0.89 / V = 20.4K
- E. RAIN  
(1) 100–YEAR / 1–HOUR RAINFALL = 1 INCH
- F. FLOOD  
(1) FLOOD ZONE = ZONE AE  
(2) FLOOD DESIGN CLASS = 2  
(3) BASE FLOOD ELEVATION = 13.00 NAVD 1988 / 14.12 MLLW  
(4) DESIGN FLOOD ELEVATION = 14.00 NAVD 1988 / 15.12 MLLW

C. CONCRETE

C1 APPLICABLE CODE

CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM TO THE 2014 EDITION OF THE ACI BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318, AND THE 2016 EDITION OF THE ACI SPECIFICATIONS FOR STRUCTURAL CONCRETE, ACI 301.

C2 REINFORCING STEEL DETAILS

DETAILING, FABRICATION AND ERECTION OF REINFORCING STEEL, UNLESS OTHERWISE NOTED, SHALL BE IN ACCORDANCE WITH DETAILS AND DETAILING OF CONCRETE REINFORCEMENT ACI 315.

C3 DESIGN STRENGTHS

- A. REINFORCING STEEL SHALL BE ASTM A 615, GRADE 60, EPOXY COATED.  
B. GROUT SHALL BE ASTM C 1107 WITH f’c = 8000 psi @ 28 DAYS

C4 GENERAL USE CONCRETE

- A. CAST–IN–PLACE CONCRETE  
(1) CLASS A – f’c = 5000 psi @ 28 DAYS  
(2) CLASS B – f’c = 4500 psi @ 28 DAYS
- B. MAX WATER TO CEMENTITIOUS MATERIAL RATIO PER SPECIFICATIONS.  
C. MINIMUM CEMENTITIOUS MATERIAL CONTENT PER SPECIFICATIONS.  
D. AIR CONTENT PER SPECIFICATIONS.  
E. CONCRETE SHALL BE PROPORTIONED TO MEET THE AVERAGE COMPRESSIVE STRENGTH REQUIREMENTS IN ACI 301.

C5 CONCRETE COVER

- CONCRETE COVER FOR REINFORCING BARS SHALL BE AS FOLLOWS:  
A. FOOTINGS AND FOUNDATION MATS CAST ON GROUND – 3”  
B. FORMED OR FINISHED SURFACES – 2”

C6 DOWELS

DOWELS SHALL BE AT LEAST THE SAME SIZE AND SPACING AS BARS WITH WHICH THEY ARE LAPPED. THE LAP EMBEDMENT SHALL BE AS RECOMMENDED BY ACI 318 OR AS NOTED.

C7 BAR SPLICES

SPLICES OF REINFORCING STEEL BAR SHALL BE IN ACCORDANCE WITH SCHEDULE SHOWN ON CONCRETE DETAILS AND ACI 318 AND SHALL BE CLASS B UNLESS OTHERWISE NOTED. THE LENGTH OF LAP SPLICE OF BARS OF DIFFERENT DIAMETER SHALL BE BASED ON THE SMALLER DIAMETER. BAR SPLICES MAY ALSO BE MADE BY WELDING IN ACCORDANCE WITH AWS SPEC D1.4 IF APPROVED BY THE ENGINEER.

C8 RESTRICTED BAR ANCHORAGE

IN CASES WHERE REINFORCING BARS CANNOT BE EXTENDED AS FAR AS REQUIRED DUE TO THE LIMITED EXTENT OF THE ADJACENT CONCRETE STRUCTURE, THE BARS SHALL EXTEND AS FAR AS POSSIBLE AND END IN STANDARD HOOKS.

C9 STANDARD HOOKS

BARs ENDING IN RIGHT ANGLE BENDS OR HOOKS SHALL CONFORM TO THE REQUIREMENTS OF ACI 318.

C10 CHAMFERS

EXCEPT AS OTHERWISE REQUIRED, EXPOSED CONCRETE CORNERS AND EDGES SHALL HAVE 3/4” CHAMFERS. RE–ENTRANT CORNERS SHALL NOT HAVE FILLETS.

C11 CAST–IN–PLACE CONCRETE ANCHORS

UNLESS NOTED OTHERWISE, ANCHORS SHALL BE HEADED ANCHOR BOLTS CONFORMING TO ASTM F1554 GRADE 36 HEAVY HEX HEAD BOLTS WITH HEAVY HEXAGONAL NUTS THAT CONFORM TO ASTM A563 GRADE DH AND PLATE WASHERS MADE OF ASTM A36 PLATE WITH MINIMUM SIZE CONFORMING TO TABLE 14–2 OF THE CURRENT AISC STEEL CONSTRUCTION MANUAL. ALTERNATELY, ANCHORS MAY BE THREADED AND NUTTED ROD OF THE SAME MATERIALS AND GRADES SPECIFIED. ALL MATERIALS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM F2329.

C12 POST–INSTALLED ADHESIVE ANCHORS

UNLESS OTHERWISE NOTED, ADHESIVE ANCHORS SHALL BE THREADED ROD CONFORMING TO ASTM F1554 GRADE 36 WITH HEAVY HEXAGONAL NUTS THAT CONFORM TO ASTM A563 GRADE DH AND WASHERS THAT CONFORM TO ASTM F436 TYPE 1. ADHESIVE SHALL BE HILTI HIT–HY 200 V3 OR APPROVED EQUAL. ALL MATERIALS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM F2329.

C13 INSTALLATION OF POST–INSTALLED ANCHORS

ALL POST–INSTALLED ANCHORS SHALL BE INSTALLED IN STRICT CONFORMANCE TO MANUFACTURER’S DIRECTIONS BY QUALIFIED PERSONNEL WHO HAVE BEEN CERTIFIED TO INSTALL THE TYPE AND ORIENTATION OF ANCHOR. ALL HOLES SHALL BE HAMMER DRILLED WITH A CARBIDE BIT.

C14 SPECIAL WEATHER CONCRETING

COLD WEATHER CONCRETE PLACEMENT SHALL COMPLY WITH ACI 301 AND ACI 306.1. HOT WEATHER CONCRETE PLACEMENT SHALL COMPLY WITH ACI 301 AND ACI 305.1.

C15 CURING

CONCRETE SHALL BE CURED IN ACCORDANCE WITH ACI 308.1.

C16 CONSTRUCTION JOINTS

LOCATION OF CONSTRUCTION JOINTS SHALL HAVE THE APPROVAL OF THE ENGINEER. CONSTRUCTION JOINTS SHALL BE DETAILED AS SHOWN ON THE DRAWINGS. UNLESS A METAL KEYED FORM IS USED, ALL CONSTRUCTION JOINTS SHALL BE ROUGHENED TO A MINIMUM 1/4” AMPLITUDE. ALL JOINT SURFACES SHALL BE THOROUGHLY CLEANED TO REMOVE GREASE, LOOSE CONCRETE, AND LAITANCE OR OTHER BOND REDUCING MATERIAL. SURFACES SHALL BE SATURATED SURFACE DRY PRIOR TO PLACING FRESH CONCRETE.

C17 CRACK CONTROL JOINTS

CCJ INDICATES A 1/8” WIDE CONTINUOUS SAW CUT CRACK CONTROL JOINT FILLED WITH ELASTOMERIC JOINT SEALANT. VERTICAL CONTROL JOINTS SHALL BE FORMED WITH 3/4 INCH CHAMFER STRIP AND FILLED WITH ELASTOMERIC JOINT SEALANT. THE ELASTOMERIC JOINT SEALANT SHALL CONFORM TO ASTM C920, TYPE S OR M, GRADE NS, CLASS 50.

C18 CONCRETE FINISHES

CONCRETE SHALL BE FINISHED IN ACCORDANCE WITH THE SPECIFICATIONS. VERIFY FINISH WITH ENGINEER PRIOR TO CONCRETE PLACEMENT.



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SL. SAWN LUMBER

SL1 GRADE

SAWN LUMBER SHALL CONFORM TO THE WEST COAST LUMBER INSPECTION BUREAU (WCLIB) OR THE WESTERN WOODS PRODUCTS ASSOCIATION (WWPA) GRADING RULES AND SHALL BE IDENTIFIED BY THE GRADE MARK. ALL LUMBER SHALL BE THE SPECIES AND GRADES AS FOLLOWS UNLESS NOTED OTHERWISE:

SAWN LUMBER	
USE	SPECIES/GRADE
LUMBER 2" TO 4" THICK	DOUGLAS FIR–LARCH NO. 2
BEAMS 5"x5" AND GREATER	DOUGLAS FIR–LARCH NO. 1
POSTS	DOUGLAS FIR–LARCH NO. 1
T AND G DECKING	DOUGLAS FIR–LARCH SELECT

SL2 FINISH

ALL LUMBER SHALL BE SURFACED ON FOUR SIDES.

SL3 MOISTURE CONTENT

ALL DIMENSIONAL LUMBER AND TIMBERS SHALL BE KILN DRIED AND CERTIFIED IN WRITING BY THE SUPPLIER TO BE LESS THAN 19 PERCENT MOISTURE CONTENT.

SL4 PRESERVATIVES

ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY, OR OTHERWISE IDENTIFIED TO BE PRESERVATIVE TREATED, SHALL BE PRESERVATIVE TREATED IN ACCORDANCE WITH THE AWWA U1 AND M4. ALL PRESERVATIVE TREATED LUMBER SHALL BEAR THE AWWA QUALITY. FIELD CUT OR DRILLED TREATED WOOD SHALL BE TREATED WITH FIELD APPLIED PRESERVATIVE, APPLIED PER MANUFACTURER'S DIRECTIONS.

SL5 NOTCHING AND CUTTING

CUTTING AND NOTCHING OF JOISTS AND STUDS SHALL CONFORM TO IBC SECTIONS 2308.4.2.4, 2308.5.9, 2308.5.10 AND THE LIMITATIONS SHOWN ON THE DRAWINGS.

SL6 BLOCKING

PROVIDE SOLID LINES OF BLOCKING, SAME DEPTH OF FRAMING MEMBER, AT ALL BEARING POINTS.

SL7 BRIDGING

JOIST BRIDGING SHALL BE REQUIRED WHERE JOISTS HAVE A DEPTH–TO–THICKNESS RATIO GREATER THAN 5–TO–1 AND WHERE ONE EDGE IS UNSUPPORTED. JOIST BRIDGING SHALL BE SPACED AT 8'–0" ON CENTER MAXIMUM AND SHALL CONSIST OF FULL DEPTH SOLID BLOCKING.

GL. GLUED LAMINATED TIMBER

GL1 FABRICATION

GLUED LAMINATED TIMBERS SHALL BE MANUFACTURED AND IDENTIFIED IN CONFORMANCE WITH ANSI/AITC A190.1 AND ASTM D3737 MANUFACTURING AND QUALITY ASSURANCE PROCEDURES.

GL2 ADHESIVE

ADHESIVE SHALL BE WET–USE EXTERIOR WATERPROOF GLUE.

GL3 NOTCHING AND CUTTING

NOTCHING AND/OR BORING OF GLUED LAMINATED MEMBERS (EITHER IN THE SHOP OR FIELD) IS STRICTLY PROHIBITED UNLESS AS SPECIFICALLY DETAILED IN THE STRUCTURAL DRAWINGS OR APPROVED BY THE ENGINEER OF RECORD. ONE COAT OF END SEALER SHALL BE APPLIED IMMEDIATELY AFTER TRIMMING IN EITHER THE SHOP OR FIELD.

GL4 GRADE

GLUED LAMINATED MEMBERS SHALL BE WESTERN SPECIES WITH THE FOLLOWING PROPERTIES, APPEARANCE GRADE ARCHITECTURAL, UNLESS NOTED OTHERWISE:

GLUED LAMINATED MEMBERS	
USE	COMBINATION SYMBOL (SPECIES)
SIMPLE SPAN	24F–V4 (DF/DF)
CANTILEVER OR CONTINUOUS	24F–V8 (DF/DF)

SH. WOOD STRUCTURAL SHEATHING

SH1 GRADE

WOOD STRUCTURAL ROOF, FLOOR AND WALL SHEATHING SHALL CONFORM TO THE REQUIREMENTS FOR THEIR TYPE IN DOC PS1 OR DOC PS2. EACH PANEL SHALL BE IDENTIFIED FOR GRADE, BOND CLASSIFICATION AND PERFORMANCE CATEGORY.

SH2 EXPOSURE

UNLESS NOTED OTHERWISE, ALL PANELS SHALL BE APA RATED SHEATHING, EXPOSURE 1, OF THE THICKNESS AND SPAN RATING AS SHOWN. WHERE SHEATHING IS TO REMAIN EXPOSED, IT SHALL BE EXTERIOR GRADE.

SH3 INSTALLATION AND BLOCKING

FLOOR AND ROOF SHEATHING SHALL BE INSTALLED WITH FACE GRAIN PERPENDICULAR TO SUPPORTS AND END JOINTS SHALL BE STAGGERED. WALL SHEATHING MAY BE ORIENTED VERTICALLY OR HORIZONTALLY AND END JOINTS SHALL BE STAGGERED. PANEL END JOINTS SHALL OCCUR OVER AND BE FASTENED TO COMMON FRAMING MEMBERS. WHERE FLOOR OR ROOF DIAPHRAGMS OR SHEAR WALLS ARE DESIGNATED AS BLOCKED, ALL JOINTS IN SHEATHING SHALL OCCUR OVER AND BE FASTENED TO COMMON FRAMING MEMBERS OR COMMON BLOCKING. PANELS SHALL NOT BE LESS THAN 4'x8' EXCEPT AT BOUNDARIES AND CHANGES IN FRAMING WHERE MINIMUM PANEL DIMENSION SHALL BE 24" UNLESS ALL EDGES OF THE UNDERSIZED PANELS ARE SUPPORTED BY AND FASTENED TO FRAMING MEMBERS OR BLOCKING.

SH4 SHEATHING FASTENERS

SHEATHING FASTENERS SHALL BE LOCATED AT LEAST 3/8" FROM EDGES AND ENDS OF PANELS. STUDS, BLOCKING, FRAMING, AND TOP AND BOTTOM PLATES. FASTENERS SHALL BE DRIVEN SO THAT THEIR HEAD OR CROWN IS FLUSH WITH THE TOP SURFACE OF THE SHEATHING.

N. NAILING AND FASTENERS

N1 FRAMING NAILS AND FASTENERS

A. ALL FRAMING NAILS AND FASTENERS SHALL CONFORM TO ASTM F1667 INCLUDING SUPPLEMENT S1 AND SHALL BE OF THE SIZE AND NUMBER INDICATED ON THE DRAWINGS.

B. FASTENING NOT INDICATED ON THE DRAWINGS SHALL BE AS INDICATED ON IBC TABLE 2104.10.1 OR ICC–ES EVALUATION REPORT ESR–1539.

C. FASTENERS SHALL BE IDENTIFIED BY LABELS ATTACHED TO THEIR CONTAINERS, THAT SHOW THE MANUFACTURER'S NAME, AND FASTENER DIMENSIONS INCLUDING DIAMETER AND LENGTH.

D. TOE–NAILS SHALL BE DRIVEN AT AN ANGLE OF APPROXIMATELY 30 DEGREES WITH THE MEMBER AND STARTED APPROXIMATELY 1/3 THE LENGTH OF THE NAIL FROM THE MEMBER END.

E. NAILS SHALL BE COMMON WIRE NAILS AS FOLLOWS UNLESS NOTED OTHERWISE:

FRAMING NAILS		
NAIL TYPE	SHANK DIAMETER (IN)	LENGTH (IN)
6d	.113	2.0
8d	.131	2.5
10d	.148	3.0
16d	.162	3.5
20d	.192	4.0
30d	.207	4.5

N2 SHEATHING NAILS

UNLESS OTHERWISE NOTED ON PLANS, PLYWOOD SHEATHING SHALL BE ATTACHED TO THE FRAMING SUPPORTS AS FOLLOWS:

SHEATHING NAILING		
USE	PANEL EDGES	INTERMEDIATE FRAMING MEMBERS
ROOF SHEATHING	.131" DIA x 2.5" AT 6" OC	.131" DIA x 2.5" AT 12" OC
FLOOR SHEATHING	.148" DIA x 3.0" AT 6" OC	.148" DIA x 3.0" AT 12" OC
WALL SHEATHING	.131" DIA x 2.5" AT 6" OC	.131" DIA x 2.5" AT 12" OC

N3 BOLTS AND LAG SCREWS

BOLTS AND LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1. ALL BOLTS AND LAG SCREWS SHALL BE INSTALLED WITH STANDARD CUT WASHERS. ALL ASTM A307 BOLTS SHALL HAVE CUT THREADS.

N4 PREDRILLING AND LEAD HOLES

A. PREDRILL HOLES FOR NAILS AND SPIKES AS REQUIRED TO PREVENT SPLITTING OF WOOD. PREDRILLED HOLES SHALL NOT EXCEED 75% OF THE NAIL OR SPIKE DIAMETER.

B. PROVIDE BORED HOLES FOR ALL BOLTS. BORED HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN THE BOLT DIAMETER. HOLES SHALL BE ACCURATELY ALIGNED IN THE MAIN AND SIDE MEMBERS. BOLTS SHALL NOT BE FORCIBLY DRIVEN.

C. PROVIDE LEAD HOLES FOR LAG SCREWS TO PREVENT SPLITTING OF WOOD. THE CLEARANCE HOLE FOR THE SHANK SHALL HAVE THE SAME DIAMETER AS THE SHANK, AND THE SAME DEPTH OF PENETRATION AS THE LENGTH OF UNTHREADED SHANK. THE LEAD HOLE FOR THE THREADED PORTION SHALL HAVE A DIAMETER EQUAL TO 40% TO 70% OF THE SHANK DIAMETER AND A LENGTH EQUAL TO AT LEAST THE LENGTH OF THE THREADED PORTION. THE THREADED PORTION OF THE LAG SCREW SHALL BE INSERTED IN THE LEAD HOLE BY TURNING WITH A WRENCH, DO NOT DRIVE WITH A HAMMER.

D. PROVIDE LEAD HOLES FOR WOOD SCREWS TO PREVENT SPLITTING OF WOOD. THE PART OF THE LEAD HOLE RECEIVING THE SHANK SHALL BE 7/8 THE DIAMETER OF THE SHANK AND THAT RECEIVING THE THREADED PORTION SHALL BE 7/8 THE DIAMETER OF THE SCREW AT THE ROOT OF THE THREAD. WOOD SCREWS SHALL BE INSERTED IN THE LEAD HOLE BY TURNING WITH A SCREW DRIVER OR OTHER TOOL, DO NOT DRIVE WITH A HAMMER.

N5 CONNECTORS, HANGERS AND CLIPS

NOTATIONS ON THE DRAWINGS RELATING TO JOIST HANGERS, HOLDDOWNS, AND OTHER FRAMING ACCESSORIES REFER TO PRODUCTS MANUFACTURED BY SIMPSON STRONG TIE OR EQUAL AND SHALL BE OF THE SIZE AND TYPE SHOWN ON THE DRAWINGS. USE ALL HARDWARE FASTENERS SPECIFIED BY THE MANUFACTURER UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS AND INSTALL IN STRICT CONFORMANCE WITH THE MANUFACTURER'S REQUIREMENTS. EQUIVALENT DEVICES MAY BE SUBMITTED FOR APPROVAL PRIOR TO USE. ANY PRODUCT SUBSTITUTIONS SHALL MEET OR EXCEED THE MANUFACTURER'S PUBLISHED DESIGN CAPACITIES AND MUST HAVE A CURRENT ICC–ES EVALUATION REPORT FOR THE APPLICABLE CODES. SEE SPECIFICATIONS.



N6 FINISHES

FASTENERS, INCLUDING NUTS AND WASHERS, IN CONTACT WITH PRESERVATIVE TREATED WOOD OR EXPOSED TO WEATHER SHALL BE HOT–DIPPED ZINC–COATED GALVANIZED STEEL. COATING WEIGHT FOR ZINC–COATED FASTENERS SHALL BE IN ACCORDANCE WITH ASTM A153. FASTENERS OTHER THAN NAILS, WOOD SCREWS, LAG SCREWS, OR BOLTS SHALL BE PERMITTED TO BE OF MECHANICALLY DEPOSITED ZINC–COATED STEEL WITH COATING WEIGHTS IN ACCORDANCE WITH ASTM B695, CLASS 55 MINIMUM. CONNECTORS THAT ARE USED IN EXTERIOR APPLICATIONS OR IN CONTACT WITH PRESERVATIVE TREATED WOOD SHALL HAVE COATING TYPES AND WEIGHTS IN ACCORDANCE WITH THE TREATED WOOD OR CONNECTOR MANUFACTURER'S RECOMMENDATIONS. IN THE ABSENCE OF MANUFACTURER'S RECOMMENDATIONS, NOT LESS THAN ASTM A653, TYPE G185 ZINC–COATED GALVANIZED STEEL, OR EQUIVALENT, SHALL BE USED.

N7 SILL PLATES

SILL PLATES SHALL BE ANCHORED TO CONCRETE WITH 5/8" DIAMETER ASTM 1554 GRADE 36 HEADED ANCHOR BOLTS WITH 7" EMBEDMENT. ANCHORS SHALL BE SPACED AT A MAXIMUM OF 4'–0" ON CENTER WITH AT LEAST TWO ANCHORS PER PIECE AND WITH ONE ANCHOR LOCATED NOT MORE THAN 12" OR LESS THAN 4" FROM EACH END OF THE PIECE. ANCHORS SHALL BE LOCATED WITHIN THE MIDDLE THIRD OF THE WIDTH OF THE SILL PLATE. STEEL PLATE WASHERS SHALL BE USED BETWEEN THE SILL PLATE AND THE NUT. PLATE WASHERS SHALL BE NOT LESS THAN 1/4"x3"x3" IN SIZE. THE HOLE IN THE WASHER IS PERMITTED TO BE DIAGONALLY SLOTTED WITH A WIDTH OF UP TO 3/16" LARGER THAN THE BOLT DIAMETER WITH A SLOT LENGTH NOT TO EXCEED 1 3/4" PROVIDED THAT A STANDARD FLAT WASHER IS PLACED BETWEEN THE PLATE WASHER AND THE NUT.



FILE NAME: S00.02_STRUCTURAL GENERAL NOTES.dwg							 <b>Washington State</b> <b>Department of Transportation</b> WASHINGTON STATE FERRIES	SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE		S00.02	
PRINTED: 8:21:36 AM	12/5/2023	LAST PRINTED BY:								SHEET	
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MAR PROJ ENGR:	L. LU							STRUCTURAL GENERAL NOTES 2			
DGN ENGR MNGR:	C. CHEN										
ASST SECRETARY:	P. RUBSTELLO			REVISION	DATE	BY					

## S1 CODES AND SPECIFICATIONS

S2 MATERIAL

### S3 FASTENERS

## S4 PROTECTIVE COATINGS

## S5 WELDING – GENERAL

## S6 WELDING – SEISMIC FORCE RESISTING SYSTEM

## S7 DEMAND CRITICAL WELDS

### S8 LOWEST ANTICIPATED SERVICE TEMPERATURE

## S9 BOLT PRETENSIONING

## S10 WELD TABS

CF1 GENERAL

## CF2 CONNECTORS AND CLIPS

### CF3 HOLDOWNS

## CF4 MATERIALS

- ## CF5 CONNECTIONS

- ## CF6 CONSTRUCTION

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SPECIAL INSPECTIONS REQUIRED FOR THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE CHAPTER 17. SPECIAL INSPECTIONS SHALL BE PERFORMED BY AN APPROVED INSPECTION AGENCY, AS DEFINED BY THE BUILDING OFFICIAL, AND SHALL BE HIRED BY AND PAID FOR BY THE OWNER.

THE SPECIAL INSPECTOR SHALL BE CERTIFIED BY THE WASHINGTON ASSOCIATION OF BUILDING OFFICIALS (WABO) TO PERFORM INSPECTIONS FOR THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK.

THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN IF UNCORRECTED, TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.

THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE APPLICABLE CODE.

IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE AT LEAST 48 HOURS ADVANCE NOTICE TO THE OWNER/OWNER'S REPRESENTATIVE WHEN THE WORK IS READY FOR ANY REQUIRED SPECIAL INSPECTIONS.

EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND- OR SEISMIC-FORCE-RESISTING SYSTEM, DESIGNATED SEISMIC SYSTEM OR A WIND- OR SEISMIC-RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTION.

OWNER OR OWNER'S REPRESENTATIVE SHALL BE SYNONYMOUS WITH 'BUILDING OFFICIAL' IN THE FOREGOING IF THE PROJECT IS NOT UNDER THE JURISDICTION OF A BUILDING DEPARTMENT.

SPECIAL INSPECTION SHALL BE PROVIDED FOR THE FOLLOWING TYPES OF WORK PERFORMED IN THE FIELD, OR NOT PERFORMED IN AN APPROVED FABRICATION SHOP AS DEFINED ABOVE, UNLESS NOTED AS "N/A".



		SPECIAL INSPECTIONS REQUIRED ( YES <input checked="" type="checkbox"/> NO) <input type="checkbox"/>		
		CONT	PERIODIC	N/A
REQUIRED SPECIAL INSPECTIONS AND TEST OF SOILS:				
1.	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.	VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.	PERFORM CLASSIFICATION AND TESTING OF NATIVE SOILS TO VERIFY ANY SOIL PROPERTIES ASSUMED AS PART OF DESIGN FOR THIS PROJECT IN THE ABSENCE OF A SOILS REPORT (SEE SOIL PROPERTIES ON THIS DRAWING). THIS TESTING SHALL BE PERFORMED IN ADVANCE OF ANY CONSTRUCTION. THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE SHALL BE NOTIFIED IF THE ASSUMED VALUES ARE NOT VALID.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.	VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REQUIRED SPECIAL INSPECTIONS AND TESTS OF DRIVEN DEEP FOUNDATION ELEMENTS:			
1. VERIFY ELEMENT MATERIALS, SIZES AND LENGTHS COMPLY WITH THE REQUIREMENTS.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. DETERMINE CAPACITIES OF TEST ELEMENTS AND CONDUCT ADDITIONAL LOAD TESTS, AS REQUIRED.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. INSPECT DRIVING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, CONFIRM TYPE AND SIZE OF HAMMER, RECORD NUMBER OF BLOWS PER FOOT OF PENETRATION, DETERMINE REQUIRED PENETRATIONS TO ACHIEVE DESIGN CAPACITY, RECORD TIP AND BUTT ELEVATIONS AND DOCUMENT ANY DAMAGE TO FOUNDATION ELEMENT.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION:			
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. REINFORCING BAR WELDING:			
A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B. INSPECT SINGLE-PASS FILLET WELD, MAXIMUM 5/16".	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C. INSPECT ALL OTHER WELDS.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. INSPECT ANCHORS CAST IN CONCRETE.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS:			
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.A.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. VERIFY USE OF REQUIRED DESIGN MIX.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. INSPECT PRESTRESSED CONCRETE FOR:			
A. APPLICATION OF PRESTRESSING FORCES.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B. GROUTING OF BONDED PRESTRESSING TENDONS.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF CONCRETE MEMBER BEING FORMED.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
REQUIRED SPECIAL INSPECTIONS AND TESTS OF ADHESIVE ANCHORS:			
1. VERIFY ANCHOR TYPE.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. VERIFY ADHESIVE IDENTIFICATION AND EXPIRATION DATE.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. VERIFY ANCHOR DIMENSIONS.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. VERIFY CONCRETE TYPE.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. VERIFY CONCRETE COMPRESSIVE STRENGTH.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. VERIFY HOLE DRILLING METHOD.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. VERIFY HOLE DIMENSIONS.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. VERIFY HOLE CLEANING PROCEDURES.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. VERIFY ANCHOR SPACING.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. VERIFY EDGE DISTANCES.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. VERIFY CONCRETE THICKNESS.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. VERIFY ANCHOR EMBEDMENT.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. VERIFY TIGHTENING TORQUE.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. VERIFY ADHERENCE TO THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

THE SPECIAL INSPECTOR MUST VERIFY THE INITIAL INSTALLATIONS OF EACH TYPE AND SIZE OF ADHESIVE ANCHOR INSTALLED BY THE CONSTRUCTION PERSONNEL ON SITE. SUBSEQUENT INSTALLATIONS OF THE SAME ANCHOR TYPE AND SIZE BY THE SAME CONSTRUCTION PERSONNEL MAY BE PERMITTED, WITH THE APPROVAL OF THE ENGINEER AND THE SPECIAL INSPECTOR, TO BE PERFORMED IN THE ABSENCE OF THE SPECIAL INSPECTOR. ANY CHANGE IN THE ANCHOR PRODUCT BEING INSTALLED OR THE PERSONNEL PERFORMING THE INSTALLATION REQUIRES AN INITIAL INSPECTION. FOR ONGOING INSTALLATIONS OVER AN EXTENDED PERIOD, THE SPECIAL INSPECTOR MUST MAKE REGULAR INSPECTIONS TO CONFIRM CORRECT HANDLING AND INSTALLATION OF THE PRODUCT. THE SPECIAL INSPECTOR SHALL INFORM THE ENGINEER OF THE FREQUENCY OF THE PERIODIC ANCHOR INSPECTIONS. THE ENGINEER MAY REQUEST ADDITIONAL INSPECTIONS AT ANY TIME.

	CONT	PERIODIC	N/A
<b>REQUIRED SPECIAL INSPECTIONS OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS:</b>			
<b>1. INSTALLATION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS.</b>			
A. END CONNECTIONS - WELDING OR BOLTED. . . . .	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B. BRIDGING - HORIZONTAL OR DIAGONAL.			
1. STANDARD BRIDGING . . . . .	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS LISTED IN SECTION 2207.1 . . . . .	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>REQUIRED SPECIAL INSPECTIONS AND TESTS OF STEEL CONSTRUCTION (STRUCTURAL STEEL):</b>			
<b>P - PERFORM THESE TASKS FOR EACH WELDED JOINT OR MEMBER OR BOLTED CONNECTION</b>			
<b>0 - OBSERVE THESE ITEMS ON A RANDOM BASIS</b>	<b>P</b>	<b>0</b>	<b>N/A</b>
<b>1. INSPECTION TASKS PRIOR TO WELDING</b>			
A. WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B. WELDING PROCEDURE SPECIFICATIONS (WPSs) AVAILABLE.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. MATERIAL IDENTIFICATION (TYPE/GRADE). . . . .	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
E. WELDER IDENTIFICATION SYSTEM.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
F. FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- JOINT PREPARATION			
- DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)			
- CLEANLINESS (CONDITION OF STEEL SURFACES)			
- TACKING (TACK WELD QUALITY AND LOCATION)			
- BACKING TYPE AND FIT (IF APPLICABLE)			
G. CONFIGURATION AND FINISH OF ACCESS HOLES. . . . .	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
H. FIT-UP OF FILLET WELDS. . . . .	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- DIMENSIONS (ALIGNMENT, GAPS AT ROOT)			
- CLEANLINESS (CONDITION OF STEEL SURFACES)			
- TACKING (TACK WELD QUALITY AND LOCATION)			
I. CHECK WELDING EQUIPMENT. . . . .	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
J. FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y- AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- JOINT PREPARATIONS			
- DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)			
- CLEANLINESS (CONDITION OF STEEL SURFACES)			
- TACKING (TACK WELD QUALITY AND LOCATION)			
<b>2. INSPECTION TASKS DURING WELDING</b>			
A. USE OF QUALIFIED WELDERS. . . . .	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B. CONTROL AND HANDLING OF WELDING CONSUMABLES. . . . .	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- PACKAGING			
- EXPOSURE CONTROL			
C. NO WELDING OVER CRACKED TACK WELDS. . . . .	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D. ENVIRONMENTAL CONDITIONS. . . . .	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- WIND SPEED WITHIN LIMITS			
- PRECIPITATION AND TEMPERATURE			
E. WPS FOLLOWED. . . . .	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- SETTINGS ON WELDING EQUIPMENT			
- TRAVEL SPEED			
- SELECTED WELDING MATERIALS			
- SHIELDING GAS TYPE/FLOW RATE			
- PREHEAT APPLIED			
- INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.)			
- PROPER POSITION (F, V, H, OH)			
F. WELDING TECHNIQUES. . . . .	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- INTERPASS AND FINAL CLEANING			
- EACH PASS WITHIN PROFILE LIMITATIONS			
- EACH PASS MEETS QUALITY REQUIREMENTS			
G. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS. . . . .	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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ENTERED BY: M. NAYRA				10 WASH				119								
CHECKED BY: H. NADERI				JOB NUMBER				SHEETS								
MAR PROJ ENGR: L. LU				20W091												
DGN ENGR MNCR: C. CHEN				CONTRACT NO.												
ASST SECRETARY: P. RUBSTELLO		REVISION		DATE	BY											

REQUIRED SPECIAL INSPECTIONS AND TESTS OF STEEL CONSTRUCTION (STRUCTURAL STEEL CONTINUED):  
P – PERFORM THESE TASKS FOR EACH WELDED JOINT OR MEMBER OR BOLTED CONNECTION  
O – OBSERVE THESE ITEMS ON A RANDOM BASIS

	P	O	N/A
3. INSPECTION TASKS AFTER WELDING			
A. WELDS CLEANED.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B. SIZE, LENGTH AND LOCATION OF WELDS.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. WELDS MEET VISUAL ACCEPTANCE CRITERIA.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
– CRACK PROHIBITION			
– WELD/BASE–METAL FUSION			
– CRATER CROSS SECTION			
– WELD PROFILES			
– WELD SIZE			
– UNDERCUT			
– POROSITY			
D. ARC STRIKES.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. K–AREA.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
– WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE K–AREA, VISUALLY INSPECT THE WEB K–AREA FOR CRACKS WITHIN 3 IN. OF THE WELD			
F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT–UP HEAVY SHAPES.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. REPAIR ACTIVITIES.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
J. NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
K. PLACEMENT OF REINFORCING OR CONTOURING FILL WELDS (IF REQUIRED).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. INSPECTION TASKS PRIOR TO BOLTING			
A. MANUFACTURER’S CERTIFICATION AVAILABLE FOR FASTENER MATERIALS.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C. CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D. CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
E. CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
F. PRE–INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
G. PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. INSPECTION TASKS DURING BOLTING			
A. FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B. JOINT BROUGHT TO THE SNUG–TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C. FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D. FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARDS THE FREE EDGES.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. INSPECTION TASKS AFTER BOLTING			
A. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. INSPECTION OF STEEL ELEMENTS OF COMPOSITE CONSTRUCTION PRIOR TO CONCRETE PLACEMENT			
A. PLACEMENT AND INSTALLATION OF STEEL DECK.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. PLACEMENT AND INSTALLATION OF HEADED STUD ANCHORS.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. DOCUMENT ACCEPTANCE OR REJECTION OF STEEL ELEMENTS.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. OTHER INSPECTION TASKS			
A. PROTECTED ZONE – NO HOLES AND UNAPPROVED ATTACHMENTS MADE BY FABRICATOR OR RECTOR, AS APPLICABLE.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

FOR STRUCTURAL STEEL NOT PART OF THE SEISMIC–FORCE–RESISTING SYSTEM AS IDENTIFIED ON THE DRAWINGS, WELDERS SHALL BE QUALIFIED IN ACCORDANCE WITH THE REQUIREMENTS OF AISC 360 CHAPTER N AND NON–DESTRUCTIVE TESTING OF WELDS SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AISC 360 CHAPTER N.

FOR STUCTURAL STEEL PART OF THE SEISMIC–FORCE–RESISTING SYSTEM AS IDENTIFIED ON THE DRAWINGS, WELDERS SHALL BE QUALIFIED IN ACCORDANCE WITH THE REQUIREMENTS OF AISC 341 CHAPTER J AND NON–DESTRUCTIVE TESTING OF WELDS SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF AISC 341 CHAPTER J.

REQUIRED SPECIAL INSPECTIONS AND TESTS OF COLD–FORMED STEEL DECK:  
P – PERFORM THESE TASKS PRIOR TO FINAL ACCEPTANCE FOR EACH ITEM OR ELEMENT  
O – OBSERVE AND INSPECT THESE ITEMS OR ELEMENTS ON AN INTERMITTENT BASIS

	P	O	N/A
1. INSPECTION OR EXECUTION TASKS PRIOR TO DECK PLACEMENT			
A. VERIFY COMPLIANCE OF MATERIALS (DECK AND ALL DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES MATERIAL PROPERTIES, AND BASE METAL THICKNESS.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B. DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. INSPECTION OR EXECUTION TASKS AFTER TO DECK PLACEMENT			
A. VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B. VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
C. DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. INSPECTION OR EXECUTION TASKS PRIOR TO WELDING			
A. WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
C. MATERIAL IDENTIFICATION (TYPE/GRADE).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D. CHECK WELDING EQUIPMENT.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. INSPECTION OR EXECUTION TASKS DURING WELDING			
A. USE OF QUALIFIED WELDERS.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B. CONTROL AND HANDLING OF WELDING CONSUMABLES.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
C. ENVIRONMENTAL CONDITIONS (WIND SPEED, MOISTURE, TEMPERATURE).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D. WPS FOLLOWED.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. INSPECTION OR EXECUTION TASKS AFTER WELDING			
A. VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B. WELDS MEET VISUAL ACCEPTANCE CRITERIA.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
C. VERIFY REPAIR ACTIVITIES.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D. DOCUMENT ACCEPTANCE OR REJECTION OF WELDS.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. INSPECTION OR EXECUTION TASKS PRIOR TO MECHANICAL FASTENING			
A. MANUFACTURER INSTALLATION INSTRUCTIONS AVAILABLE FOR MECHANICAL FASTENERS.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B. PROPER TOOLS AVAILABLE FOR FASTENER INSTALLATION.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
C. PROPER STORAGE FOR MECHANICAL FASTENERS.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. INSPECTION OR EXECUTION TASKS DURING MECHANICAL FASTENING			
A. FASTENERS ARE POSITIONED AS REQUIRED.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B. FASTENERS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER’S INSTRUCTIONS.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. INSPECTION OR EXECUTION TASKS AFTER MECHANICAL FASTENING			
A. CHECK SPACING, TYPE, AND INSTALLATION OF SUPPORT FASTENERS.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B. CHECK SPACING, TYPE, AND INSTALLATION OF SIDELAP FASTENERS.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
C. CHECK SPACING, TYPE, AND INSTALLATION OF PERIMETER FASTENERS.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D. VERIFY REPAIR ACTIVITIES.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
E. DOCUMENT ACCEPTANCE OR REJECTION OF MECHANICAL FASTENERS.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
REQUIRED SPECIAL INSPECTIONS AND TESTS OF WOOD CONSTRUCTION:			
1. NAILING, BOLTING, ANCHORING AND OTHER FASTENING OF ELEMENTS WITHIN THE MAIN WIND FORCE RESISTING SYSTEM OR THE SEISMIC FORCE RESISTING SYSTEM, INCLUDING WOOD SHEAR WALLS, WOOD DIAPHRAGMS, DRAG STRUTS, COLLECTORS, BRACES, SHEAR PANELS AND HOLDDOWNS.	CONT	PERIODIC	N/A
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
REQUIRED SPECIAL INSPECTIONS AND TESTS OF COLD–FORMED STEEL CONSTRUCTION:			
1. WELDING, SCREW ATTACHMENT, BOLTING, ANCHORING AND OTHER FASTENING OF ELEMENTS WITHIN THE MAIN WIND FORCE RESISTING SYSTEM OR THE SEISMIC FORCE RESISTING SYSTEM, INCLUDING SHEAR WALLS, DIAPHRAGMS, DRAG STRUTS, COLLECTORS, BRACES, AND HOLDDOWNS.	CONT	PERIODIC	N/A
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

STRUCTURAL OBSERVATION

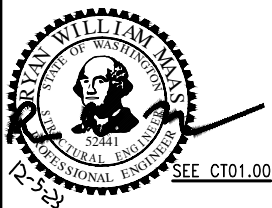
THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE, OR ANOTHER QUALIFIED REGISTERED DESIGN PROFESSIONAL SHALL BE RETAINED BY THE OWNER TO PERFORM STRUCTURAL OBSERVATIONS AS REQUIRED BY INTERNATIONAL BUILDING CODE CHAPTER 17. STRUCTURAL OBSERVATIONS SHALL BE PROVIDED DURING THE STAGES OF CONSTRUCTION LISTED BELOW. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AT LEAST 48 HOURS ADVANCE NOTICE TO THE REGISTERED DESIGN PROFESSIONAL WHEN THE WORK IS READY FOR STRUCTURAL OBSERVATION FOR EACH OF THESE STAGES.

	STRUCTURAL OBSERVATIONS REQUIRED ( <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO)
1. CONCRETE: REINFORCING STEEL AND EMBEDDED STRUCTURAL ANCHORAGES PRIOR TO PLACEMENT OF CONCRETE FOR THE FOLLOWING:	
A. FOUNDATIONS.	<input checked="" type="checkbox"/>
B. SLABS–ON–GRADE (EXCEPT SITE PAVING AND FLATWORK).	<input checked="" type="checkbox"/>
C. WALLS.	<input checked="" type="checkbox"/>
D. STRUCTURAL FLOOR SLABS AND BEAMS NOT SUPPORTED ON–GRADE.	<input type="checkbox"/> N/A
E. ROOF SLABS AND BEAMS.	<input type="checkbox"/> N/A
2. MASONRY: A. REINFORCING STEEL AND EMBEDDED STRUCTURAL ANCHORAGES PRIOR TO GROUTING OF MASONRY WALLS.	<input type="checkbox"/> N/A
3. STRUCTURAL STEEL: A. ERECTED COLUMNS, BEAMS AND GIRDERS, PRIOR TO INSTALLATION OF ROOF AND FLOOR JOISTS, TRUSSES AND DECKING.	<input checked="" type="checkbox"/>
4. WOOD AND COLD–FORMED STEEL FRAMING: A. ROOF, FLOOR AND WALL FRAMING AND MEMBER CONNECTIONS, AND STRUTS AND CHORDS, PRIOR TO INSTALLATION OF SHEATHING OR ANY COVERING THAT WOULD CONCEAL THE STRUCTURAL FRAME.	<input checked="" type="checkbox"/>
B. PLYWOOD ROOF, FLOOR AND WALL SHEATHING PRIOR TO INSTALLATION OF ROOFING AND ANY OTHER BUILDING MATERIALS THAT WOULD CONCEAL THE FASTENERS	<input checked="" type="checkbox"/>

DEFERRED SUBMITTALS/CERTIFICATIONS

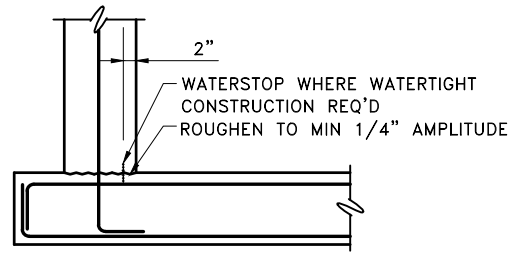
	SUBMITTALS REQUIRED ( <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO)
1. OFF–SITE FABRICATION: FABRICATORS SHALL BE CITY, COUNTY AND/OR IBC APPROVED FABRICATORS.	
FOR ALL OFFSITE FABRICATION OF THE ITEMS LISTED BELOW:	
A. TRUSSES OR JOISTS.	<input type="checkbox"/> N/A
B. GLUED LAMINATED MEMBERS.	<input checked="" type="checkbox"/>
C. PRECAST CONCRETE.	<input type="checkbox"/> N/A
D. STRUCTURAL STEEL (MILL REPORTS AND IDENTIFICATION OF STEEL, CERTIFICATE OF COMPLIANCE).	<input checked="" type="checkbox"/>
E. OTHER:	<input type="checkbox"/> N/A
2. DEFERRED SUBMITTALS: SUBMITTAL DOCUMENTS FOR THE DEFERRED SUBMITTAL ITEMS LISTED BELOW SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECT AND SUBMITTED BY THE CONTRACTOR TO THE BUILDING DEPARTMENT/APPROVAL AGENCY AND REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE FOR REVIEW AND APPROVAL. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.	
A. PREFABRICATED TRUSSES OR JOISTS.	<input type="checkbox"/> N/A
B. PRECAST COMPONENTS AND STRUCTURES.	<input type="checkbox"/> N/A
C. CONCRETE MIX.	<input type="checkbox"/> N/A
D. PRE–ENGINEERED METAL BUILDINGS.	<input type="checkbox"/> N/A
E. PRE–ENGINEERED METAL CANOPIES.	<input type="checkbox"/> N/A
F. EQUIPMENT ANCHORAGE.	<input checked="" type="checkbox"/>

FILE NAME: S00.05_STRUCTURAL INSPECTIONS.dwg					
PRINTED: 8:21:46 AM 12/5/2023	LAST PRINTED BY: RYAN.MAAS				FED.AID PROJ.NO.
SUBMITTAL DATE: 12/5/2023					*–WA–***
DESIGNED BY: R. MAAS					REGION NO. STATE
ENTERED BY: M. NAYRA					10 WASH
CHECKED BY: H. NADERI					JOB NUMBER
MAR PROJ ENGR: L. LU					20W091
DGN ENGR MNGR: C. CHEN					CONTRACT NO.
ASST SECRETARY: P. RUBSTELLO	REVISION	DATE	BY		00****



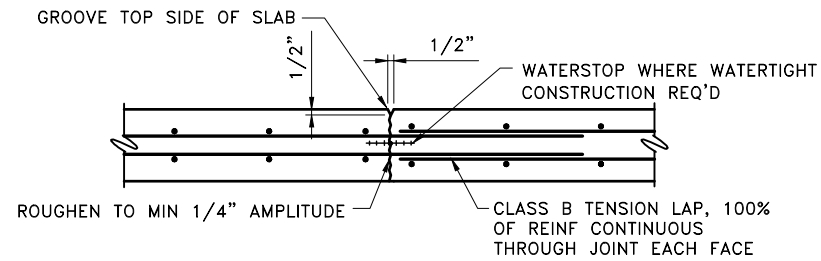
SR20 COUPEVILLE FERRY TERMINAL AGENT’S OFFICE	S00.05
STRUCTURAL INSPECTIONS 2	SHEET 72 OF 119 SHEETS





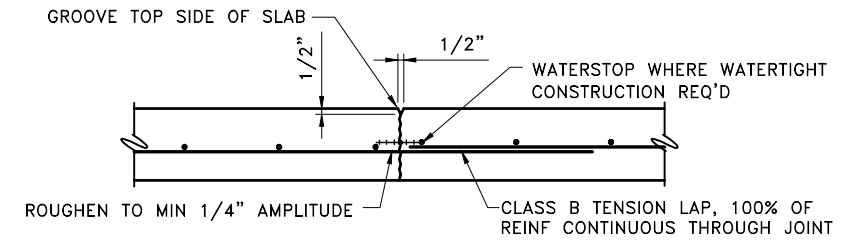
WALL BASE CONSTRUCTION JOINT  
WITH SINGLE CURTAIN REINFORCING

1  
-  
DETAIL



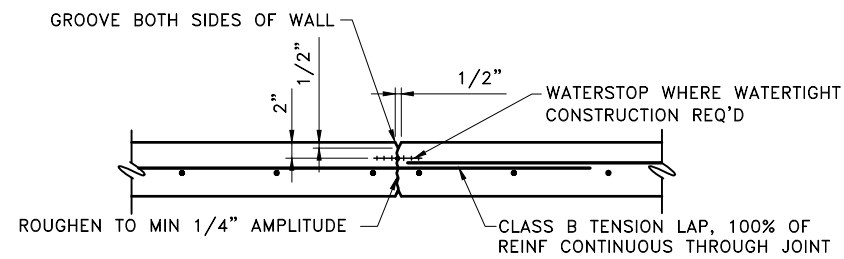
SLAB CONSTRUCTION JOINT

4  
-  
DETAIL



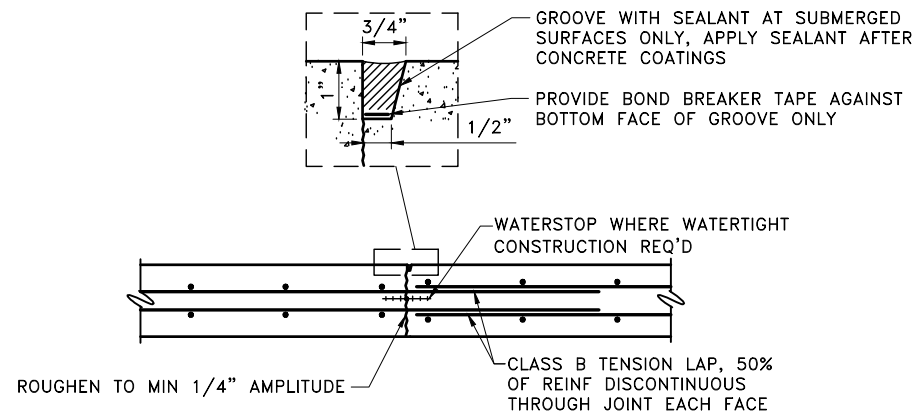
SLAB CONSTRUCTION JOINT

7  
-  
DETAIL



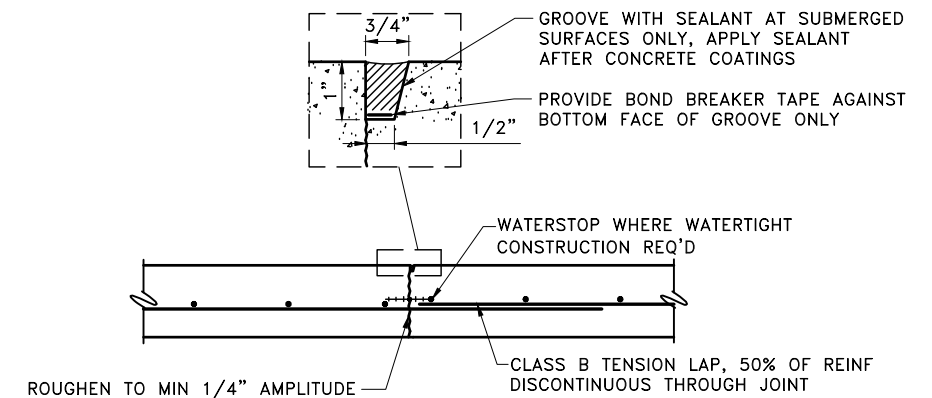
WALL CONSTRUCTION JOINT

2  
-  
DETAIL



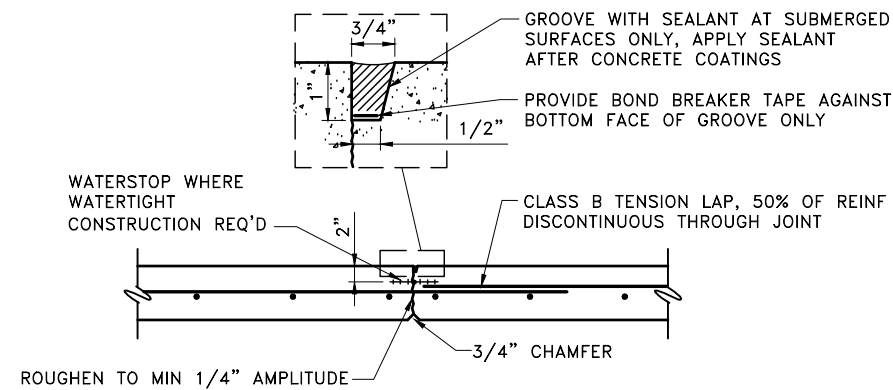
SLAB CONSTRUCTION & CRACK CONTROL JOINT

5  
-  
DETAIL



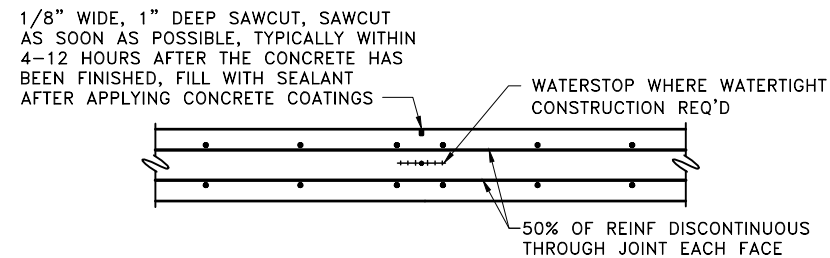
SLAB CONSTRUCTION & CRACK CONTROL JOINT

8  
-  
DETAIL



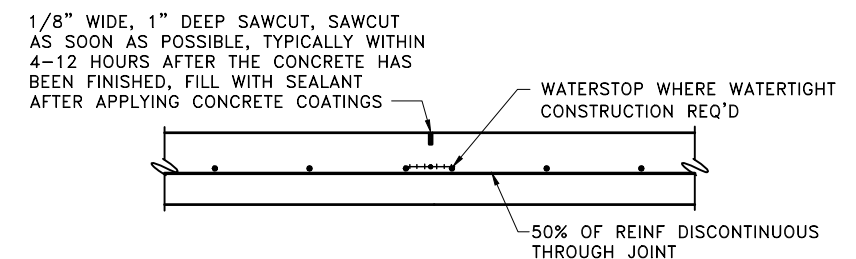
WALL CONSTRUCTION & CRACK CONTROL JOINT

3  
-  
DETAIL



SLAB CRACK CONTROL JOINT

6  
-  
DETAIL





SLAB CRACK CONTROL JOINT

9  
-  
DETAIL



FILE NAME: S00.07_TYPICAL CONCRETE DETAILS.dwg									
PRINTED: 8:21:52 AM 12/5/2023		LAST PRINTED BY:				FED.AID PROJ.NO.			
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ENTERED BY: M. NAYRA						10 WASH			
CHECKED BY: H. NADERI						JOB NUMBER			
MAR PROJ ENGR: L. LU						20W091			
DGN ENGR MNGR: C. CHEN						CONTRACT NO.			
ASST SECRETARY: P. RUBSTELLO				REVISION		DATE		BY	





**Washington State**  
**Department of Transportation**  
WASHINGTON STATE FERRIES

SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE		S00.07	
TYPICAL CONCRETE DETAILS 2			

SHEET  
74  
OF  
119  
SHEETS







COMPONENTS & CLADDING WIND PRESSURES											
EFFECTIVE AREA (SQUARE FEET)		ROOF				OVERHANG				WALL	
		ZONE 1 ZONE 2E	ZONE 2N ZONE 2R	ZONE 3E	ZONE 3R	ZONE 1 ZONE 2E	ZONE 2N ZONE 2R	ZONE 3E	ZONE 3R	ZONE A	ZONE 5
2	MIN	—	—	—	—	—	—	—	—	—	—
	MAX	20	20	20	20	—	—	—	—	—	—
4	MIN	—	—	—	−85	—	—	—	−109	—	—
	MAX	—	—	—	—	—	—	—	—	—	—
10	MIN	—	−60	−60	−70	—	−71	−85	−91	−29	−35
	MAX	16	16	16	16	—	—	—	—	26	26
20	MIN	−38	−53	−53	−59	−49	−67	−74	−77	−28	−33
	MAX	16	16	16	16	—	—	—	—	25	25
50	MIN	−32	−43	−43	−44	−47	−61	−59	−58	−26	−30
	MAX	16	16	16	16	—	—	—	—	24	24
100	MIN	−28	−35	−35	—	−46	−56	−49	—	−25	−28
	MAX	16	16	16	16	—	—	—	—	22	22
150	MIN	—	−31	−31	—	—	−53	−42	—	—	—
	MAX	—	—	—	—	—	—	—	—	—	—
200	MIN	−24	—	—	—	−45	—	—	—	−24	−25
	MAX	—	—	—	—	—	—	—	—	21	21
300	MIN	−22	—	—	—	—	—	—	—	—	—
	MAX	—	—	—	—	—	—	—	—	—	—
350	MIN	—	—	—	—	−44	—	—	—	—	—
	MAX	—	—	—	—	—	—	—	—	—	—
500	MIN	—	—	—	—	—	—	—	—	−22	−22
	MAX	—	—	—	—	—	—	—	—	20	20

NOTES:

- PRESSURE VALUES SHOWN ARE IN POUNDS PER SQUARE FOOT.
- PRESSURE VALUES SHOWN ARE UNFACTORED. APPROPRIATE LOAD FACTORS SHALL BE APPLIED FOR USE WITH ASD OR LRFD LOAD COMBINATIONS.
- ZONES SHALL BE IN ACCORDANCE WITH ASCE 7. SEE FIGURE 30.3−2C FOR ROOF AND FIGURE 30.3−1 FOR WALLS.
- EFFECTIVE AREA SHALL BE CALCULATED IN ACCORDANCE WITH ASCE 7.
- POSITIVE VALUES INDICATE PRESSURE ACTING TOWARD THE SURFACE. NEGATIVE VALUES INDICATE PRESSURE ACTING AWAY FROM THE SURFACE.
- OVERHANG PRESSURES INCLUDE CONTRIBUTIONS FROM BOTH UPPER AND LOWER SURFACES.
- a = 3 FEET.



FILE NAME: S00.10_WIND PRESSURES.dwg											
PRINTED: 8:22:02 AM		12/5/2023		LAST PRINTED BY:							
SUBMITTAL DATE:		12/5/2023		RYAN.MAAS							
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ENTERED BY:		M. NAYRA									
CHECKED BY:		H. NADERI									
MAR PROJ ENGR:		L. LU									
DGN ENGR MNGR:		C. CHEN									
ASST SECRETARY:		P. RUBSTELLO									
				REVISION		DATE		BY			

ROOF LOAD:

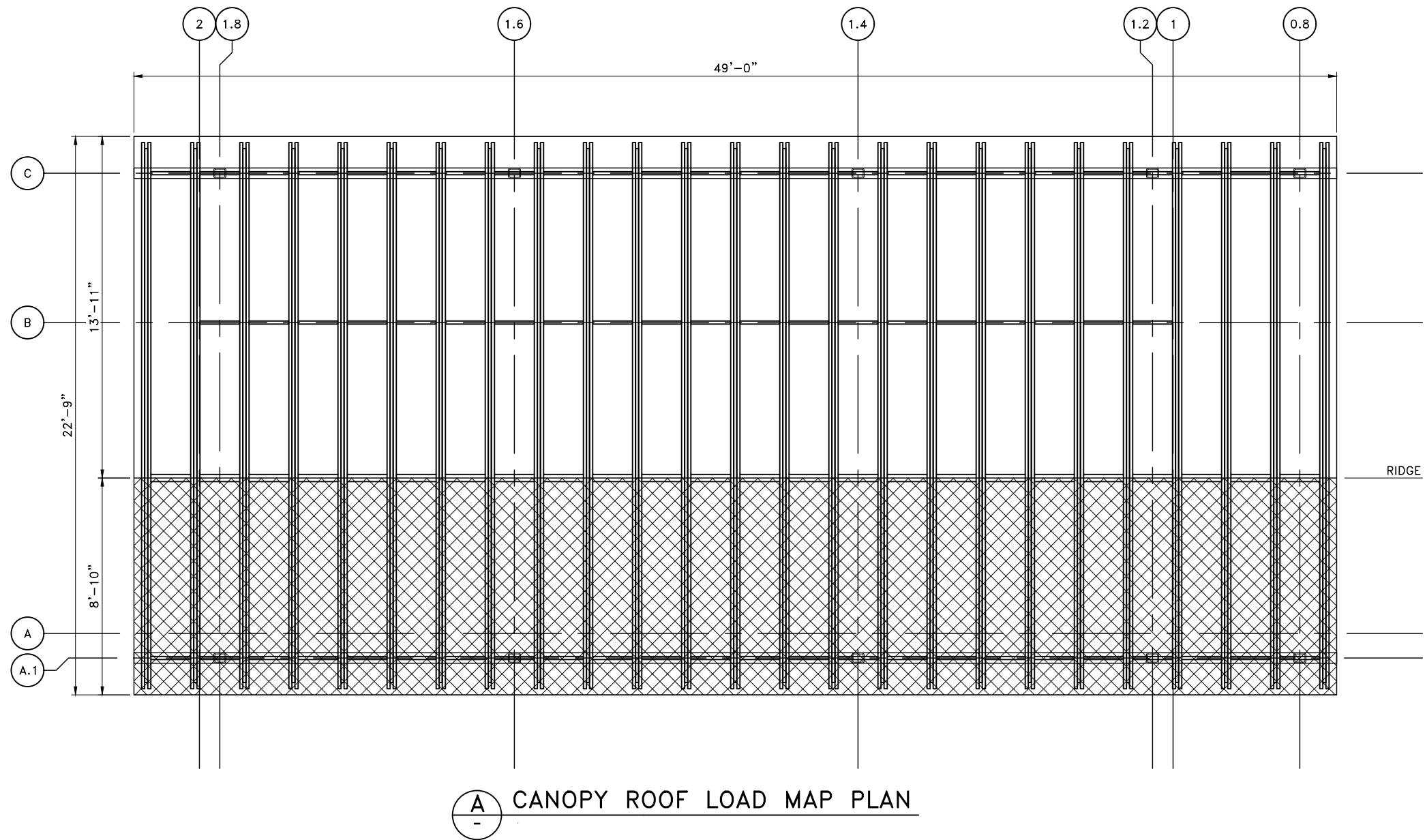
- 1. ROOF LIVE LOAD = 20 PSF
- 2. ROOF SNOW LOAD = 25 PSF
- 3. SUPERIMPOSED DEAD LOAD = 12 PSF
- 4. COLLATERAL DEAD LOAD = VARIES



NOTES:

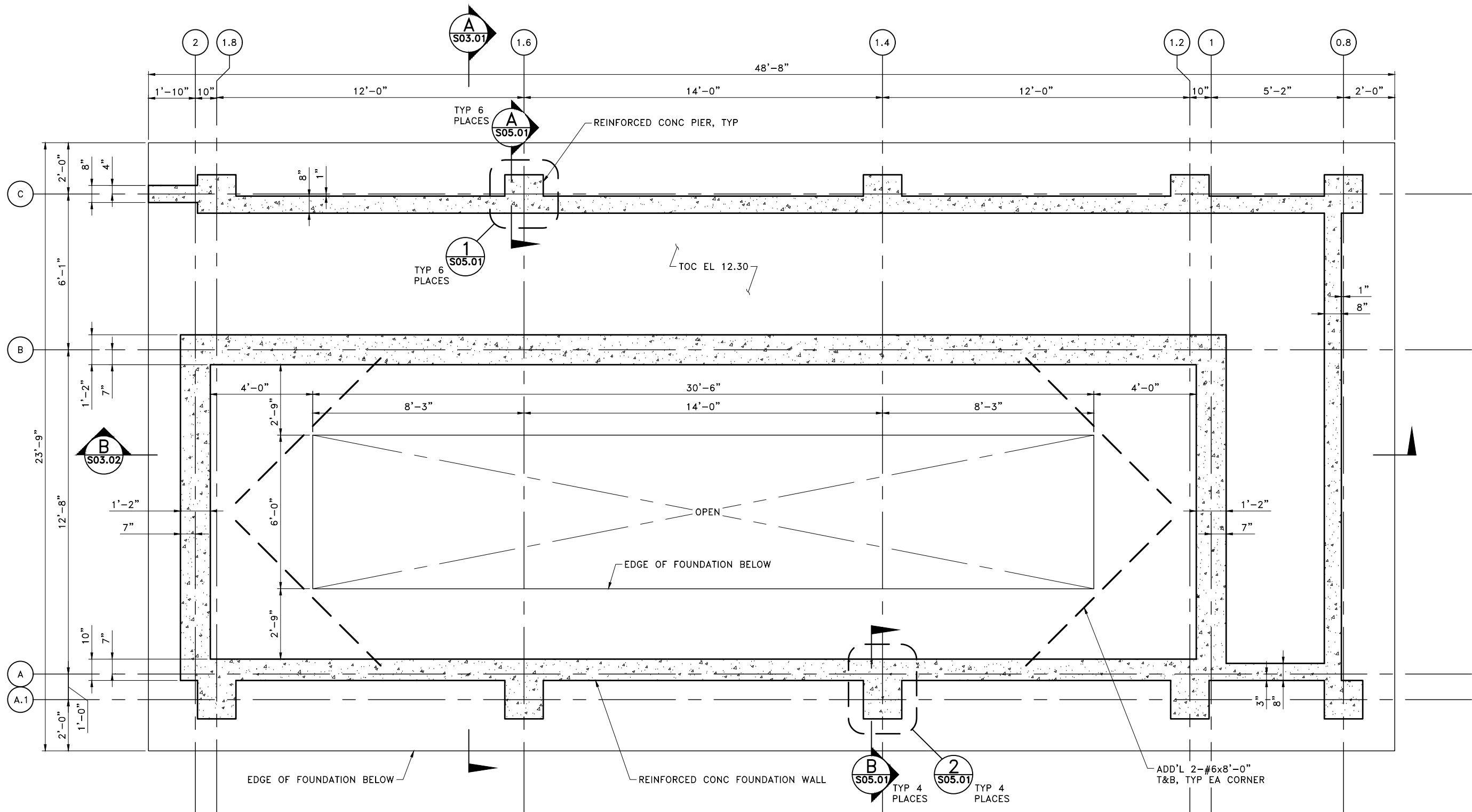
- 1. THE COLLATERAL DEAD LOAD IS INTENDED AS A PROVISION FOR A FUTURE PHOTOVOLTAIC PANEL INSTALLATION. IT IS ASSUMED THE PANELS ARE IN THE SAME PLANE AS THE CANOPY ROOF AND OF MINIMAL HEIGHT AND AS SUCH THE CANOPY HAS ONLY BEEN DESIGNED FOR THE ADDITIONAL COLLATERAL DEAD LOAD. NO PROVISIONS HAVE BEEN MADE FOR THE ADDITIONAL WIND LOADS THAT WOULD BE IMPARTED ON THE CANOPY DUE TO PANELS AT ANY OTHER HEIGHT OR ANGLE RELATIVE TO THE CANOPY ROOF.



LEGEND:

 AREA OF ALLOWABLE COLLATERAL DEAD LOAD FOR FUTURE SOLAR = 4 PSF

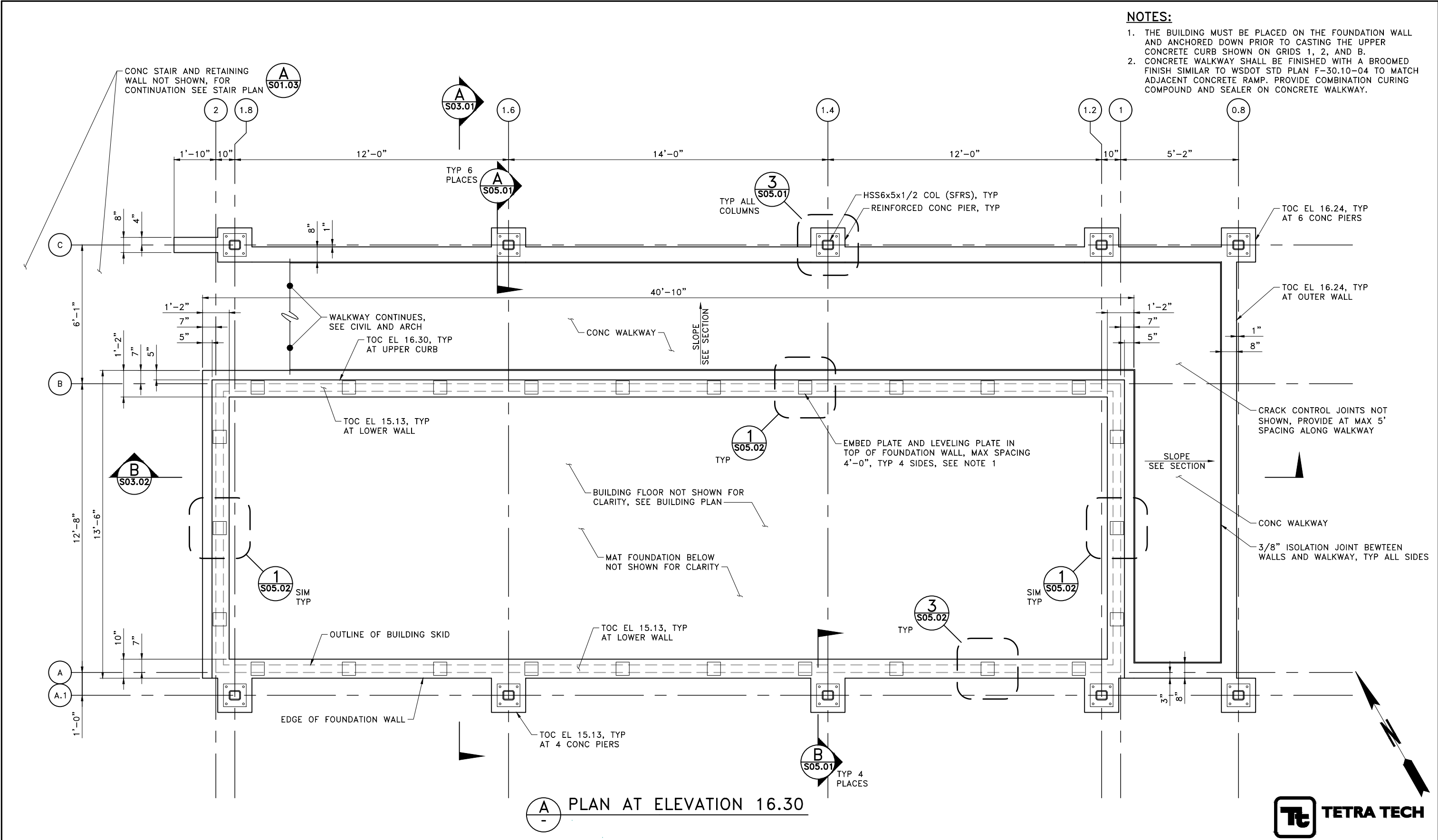


FILE NAME: S00.11_CANOPY ROOF LOAD MAP.dwg											 <b>Washington State</b> <b>Department of Transportation</b> WASHINGTON STATE FERRIES	SR20			S00.11
PRINTED: 8:22:05 AM 12/5/2023			LAST PRINTED BY:			COUPEVILLE FERRY TERMINAL			SHEET						
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DESIGNED BY: R. MAAS						*-WA-***			OF						
ENTERED BY: M. NAYRA						REGION NO. STATE			119						
CHECKED BY: H. NADERI						10 WASH			SHEETS						
MAR PROJ ENGR: L. LU						JOB NUMBER									
DGN ENGR MNGR: C. CHEN						20W091									
ASST SECRETARY: P. RUBSTELLO						CONTRACT NO.									
			REVISION			00****									
			DATE			BY									





FILE NAME: S01.01_FOUNDATION PLAN.dwg											 <b>Washington State</b> <b>Department of Transportation</b> WASHINGTON STATE FERRIES	SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE			S01.01
PRINTED: 8:22:09 AM 12/5/2023		LAST PRINTED BY:		FED.AID PROJ.NO.		SHEET									
SUBMITTAL DATE: 12/5/2023		RYAN.MAAS		*-WA-*			79 OF								
DESIGNED BY: R. MAAS				REGION NO. STATE				119							
ENTERED BY: M. NAYRA				10 WASH					SHEETS						
CHECKED BY: H. NADERI				JOB NUMBER 20W091											
MAR PROJ ENGR: L. LU				CONTRACT NO. 00****											
DGN ENGR MNGR: C. CHEN															
ASST SECRETARY: P. RUBSTELLO															
		REVISION		DATE BY											

- NOTES:**
1. THE BUILDING MUST BE PLACED ON THE FOUNDATION WALL AND ANCHORED DOWN PRIOR TO CASTING THE UPPER CONCRETE CURB SHOWN ON GRIDS 1, 2, AND B.
  2. CONCRETE WALKWAY SHALL BE FINISHED WITH A BROOMED FINISH SIMILAR TO WSDOT STD PLAN F-30.10-04 TO MATCH ADJACENT CONCRETE RAMP. PROVIDE COMBINATION CURING COMPOUND AND SEALER ON CONCRETE WALKWAY.

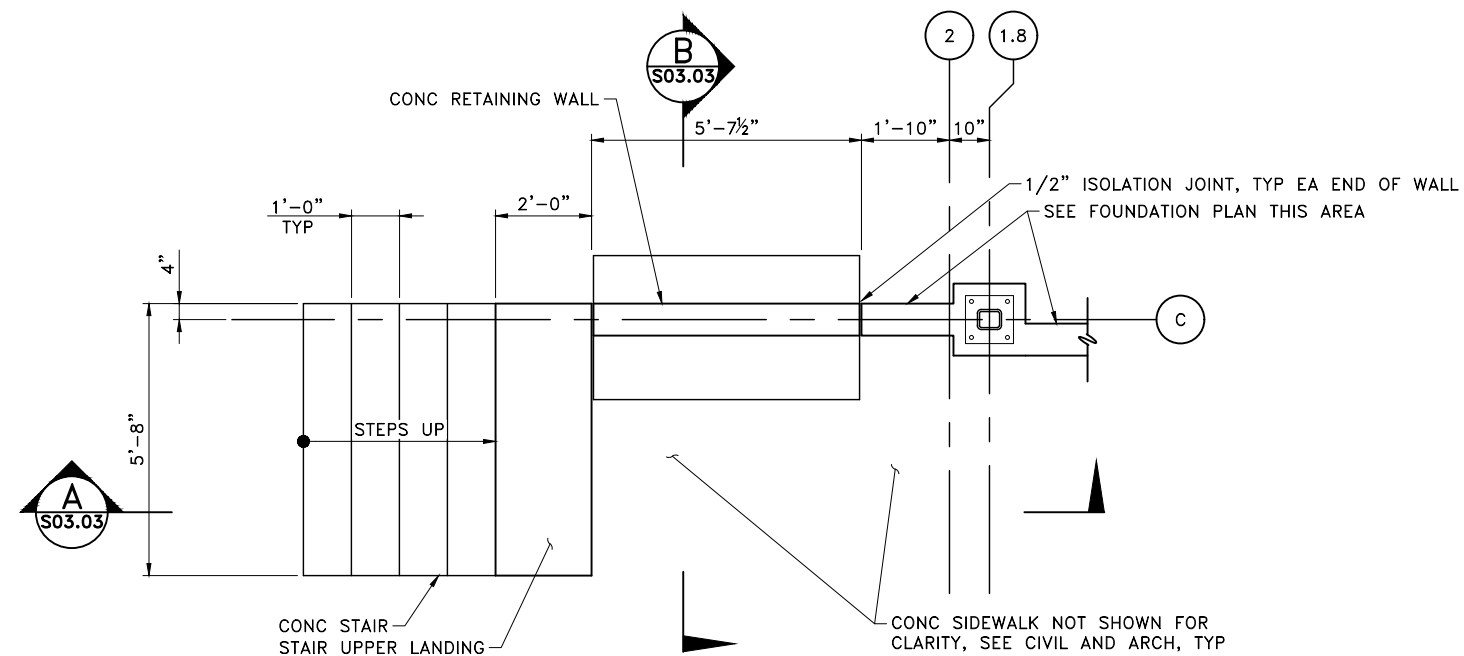


**A PLAN AT ELEVATION 16.30**



FILE NAME: S01.02_FOUNDATION PLAN.dwg												Washington State Department of Transportation WASHINGTON STATE FERRIES	SR20		S01.02
PRINTED: 8:22:12 AM 12/5/2023		LAST PRINTED BY:				COUPEVILLE FERRY TERMINAL									
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ENTERED BY: M. NAYRA						80									
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MAR PROJ ENGR: L. LU						119									
DGN ENGR MNGR: C. CHEN						SHEETS									
ASST SECRETARY: P. RUBSTELLO		REVISION		DATE		BY		CONTRACT NO. 00****							



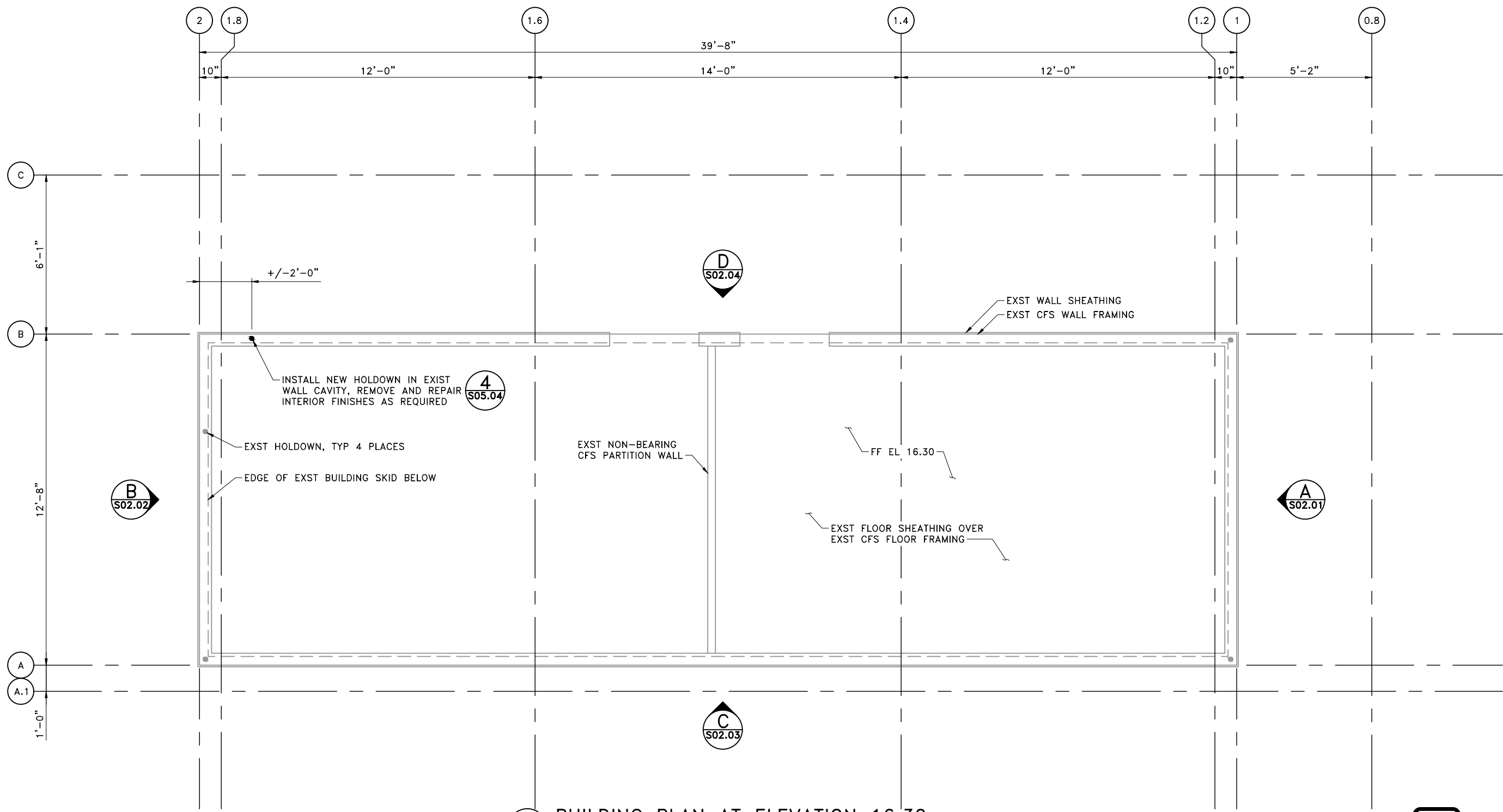


**A** PLAN AT ELEVATION 16.30






FILE NAME: S01.03_STAIR PLAN.dwg							SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE	S01.03
PRINTED: 8:22:17 AM	12/5/2023	LAST PRINTED BY:						SHEET
SUBMITTAL DATE:	12/5/2023	RYAN.MAAS					STAIR PLAN	81
DESIGNED BY:	R. MAAS							OF
ENTERED BY:	M. NAYRA							119
CHECKED BY:	H. NADERI							SHEETS
MAR PROJ ENGR:	L. LU							
DGN ENGR MNGR:	C. CHEN							
ASST SECRETARY:	P. RUBSTELLO		REVISION	DATE	BY			

- NOTES:**
- 1. DIMENSIONS SHOWN ARE TO FACE OF METAL STUD FRAMING. WALL SHEATHING IS NOT INCLUDED IN THE DIMENSIONS.
  - 2. SEE ELEVATIONS FOR EXISTING AND PROPOSED WALL FRAMING.

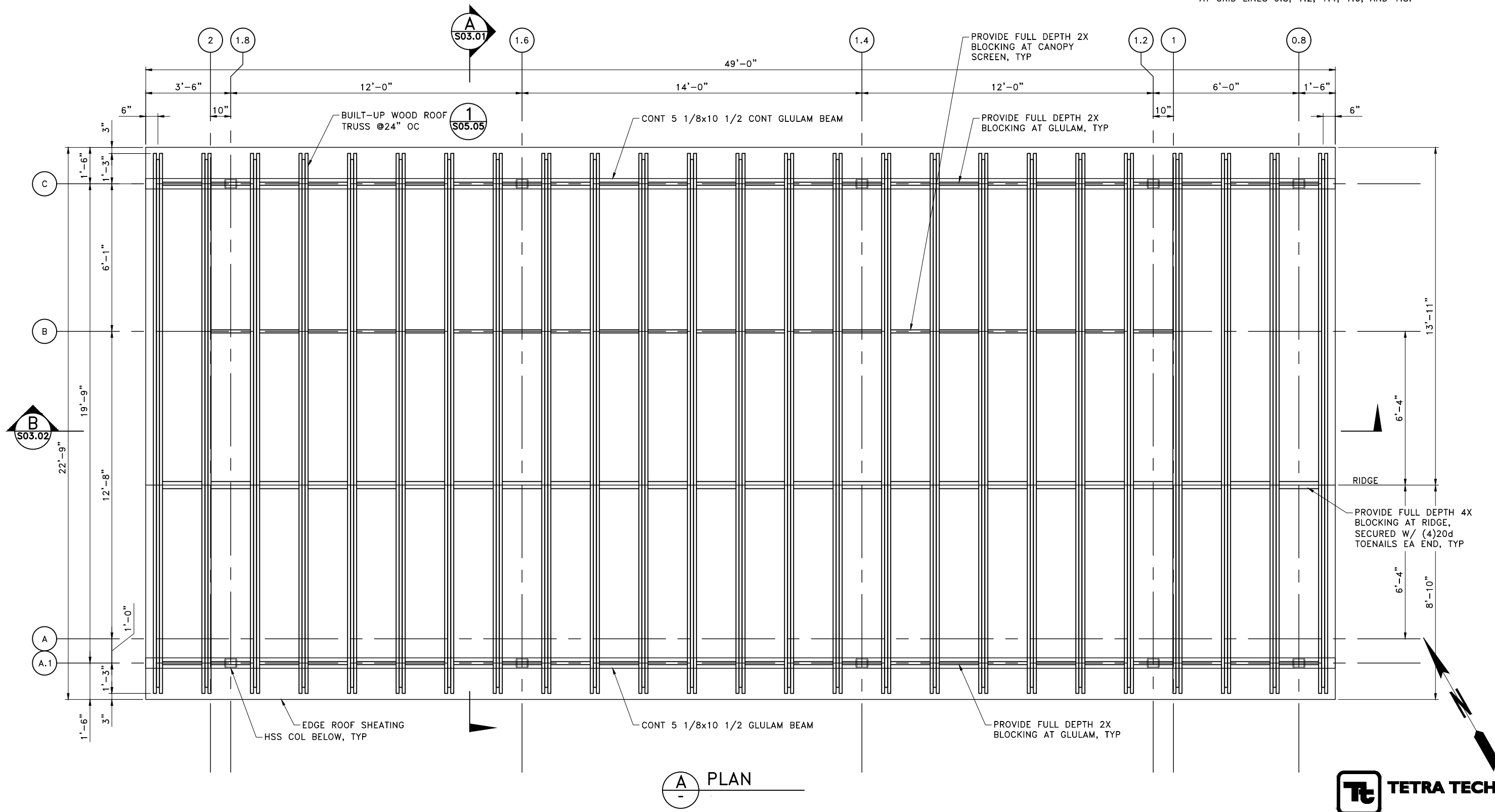


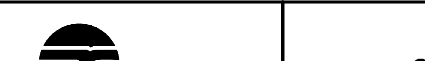
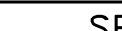
**A** BUILDING PLAN AT ELEVATION 16.30



FILE NAME: S01.04_BUILDING PLAN.dwg												 <b>Washington State Department of Transportation</b> WASHINGTON STATE FERRIES		SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE  BUILDING PLAN		S01.04
PRINTED: 8:22:20 AM 12/5/2023		LAST PRINTED BY:						FED.AID PROJ.NO. *-WA-***								
SUBMITTAL DATE: 12/5/2023		RYAN.MAAS								REGION NO. STATE						SHEET 82 OF 119 SHEETS
DESIGNED BY: R. MAAS										10 WASH				 <b>Washington State Department of Transportation</b> WASHINGTON STATE FERRIES		
ENTERED BY: M. NAYRA												SEE CT01.00				
CHECKED BY: H. NADERI																
MAR PROJ ENGR: L. LU																
DGN ENGR MNGR: C. CHEN																
ASST SECRETARY: P. RUBSTELLO				REVISION		DATE		BY		CONTRACT NO. 00****						

- NOTES:**
1. TONGUE AND GROOVE DECKING AND ROOF SHEATHING NOT SHOWN FOR CLARITY, SEE SECTIONS FOR MORE INFORMATION.
  2. PROVIDE ROOF SHEATHING EDGE NAILING ALONG GRID LINES A.1 AND C AND ALONG TRUSS ON EACH SIDE OF GRID LINE AT GRID LINES 0.8, 1.2, 1.4, 1.6, AND 1.8.

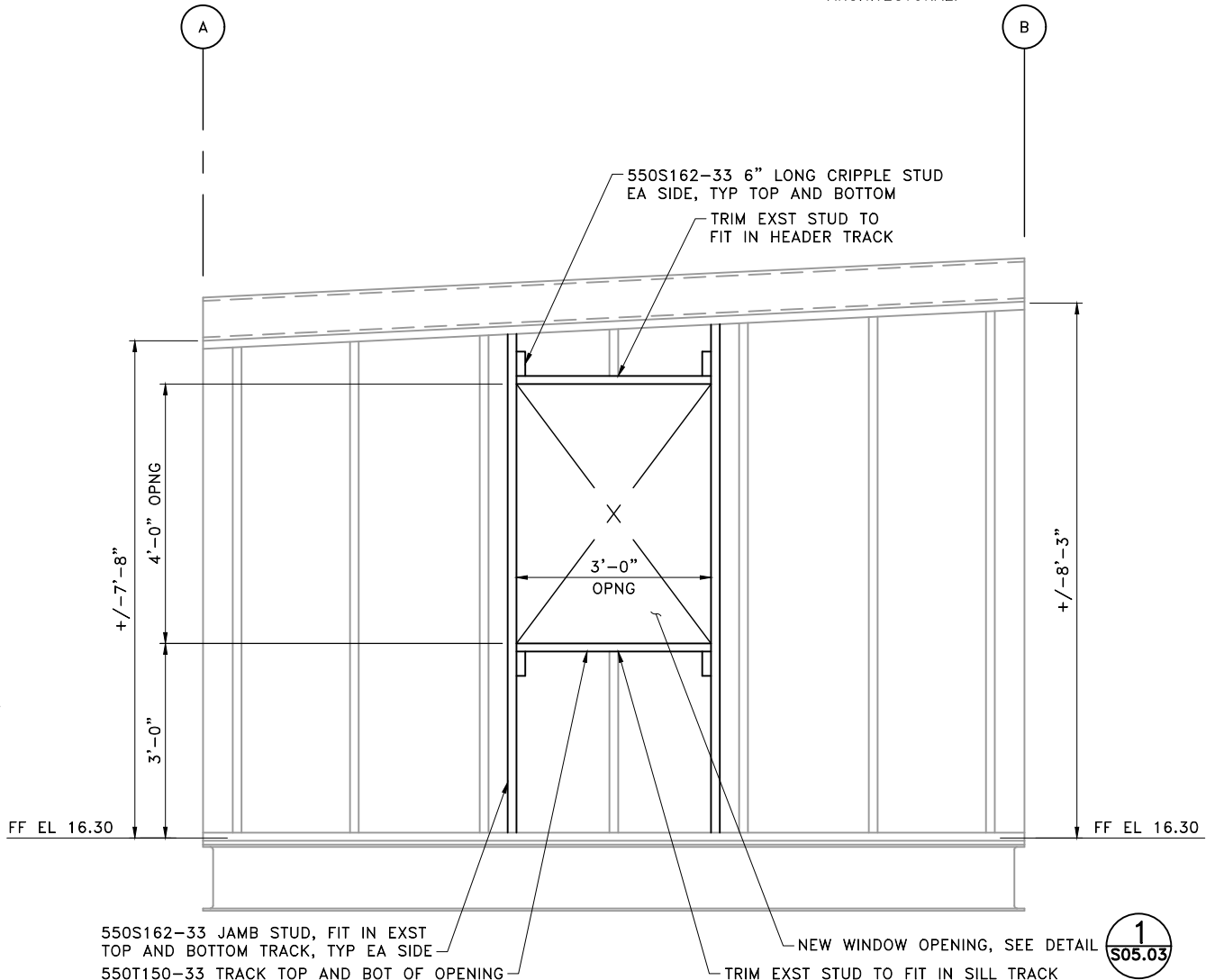
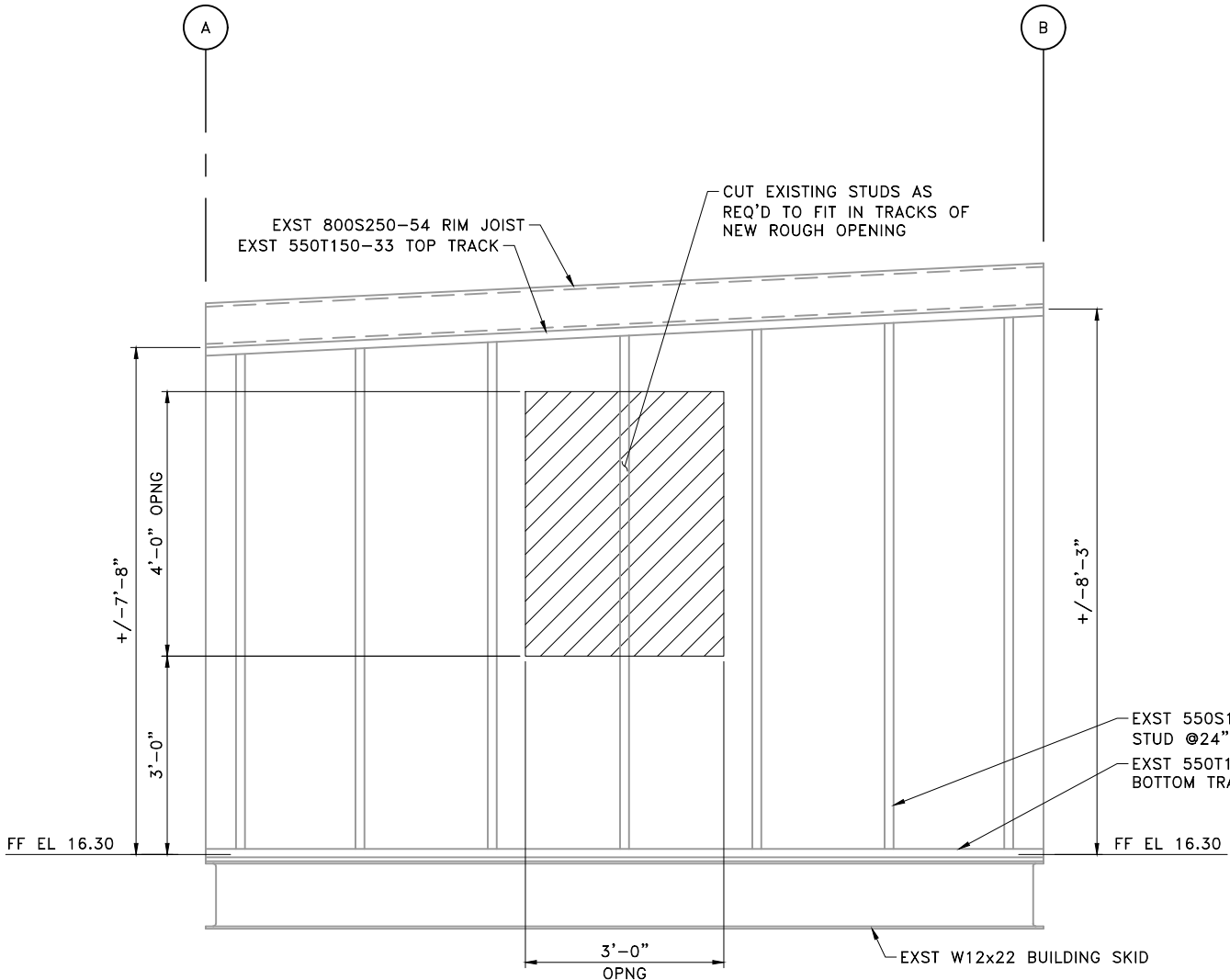


FILE NAME: S01.05_ROOF FRAMING PLAN.dwg											 <b>Washington State</b> <b>Department of Transportation</b> WASHINGTON STATE FERRIES	SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE		S01.05
PRINTED: 8:22:23 AM 12/5/2023		LAST PRINTED BY:												
SUBMITTAL DATE: 12/5/2023		RYAN.MAAS		FED.AID PROJ.NO.										
DESIGNED BY: R. MAAS				*-WA-***										
ENTERED BY: M. NAYRA				REGION NO. STATE										
CHECKED BY: H. NADERI				10 WASH										
MAR PROJ ENGR: L. LU				JOB NUMBER 20W091										
DGN ENGR MNGR: C. CHEN				CONTRACT NO. 00****										
ASST SECRETARY: P. RUBSTELLO		REVISION		DATE		BY		CANOPY ROOF FRAMING PLAN				SHEET 83 OF 119 SHEETS		



SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
CANOPY ROOF FRAMING PLAN

- NOTES:**
- 1. EXISTING WALL AND ROOF SHEATHING NOT SHOWN FOR CLARITY.
  - 2. REMOVE AND REPLACE EXISTING WALL SHEATHING AS REQUIRED TO CREATE NEW OPENING AND INSTALL NEW FRAMING. NO PIECE OF SHEATHING SHALL BE LESS THAN 12" WIDE. ALL SHEATHING EDGES SHALL BE SUPPORTED BY FRAMING MEMBERS OR BLOCKING, ADD ADDITIONAL BLOCKING AS REQUIRED. 1 1/2" WIDE 33 MIL FLAT STRAP MAY BE USED AS BLOCKING WHEN PLACED UNDER THE SHEATHING.
  - 3. COORDINATE FINAL ROUGH OPENING DIMENSIONS WITH ARCHITECTURAL.

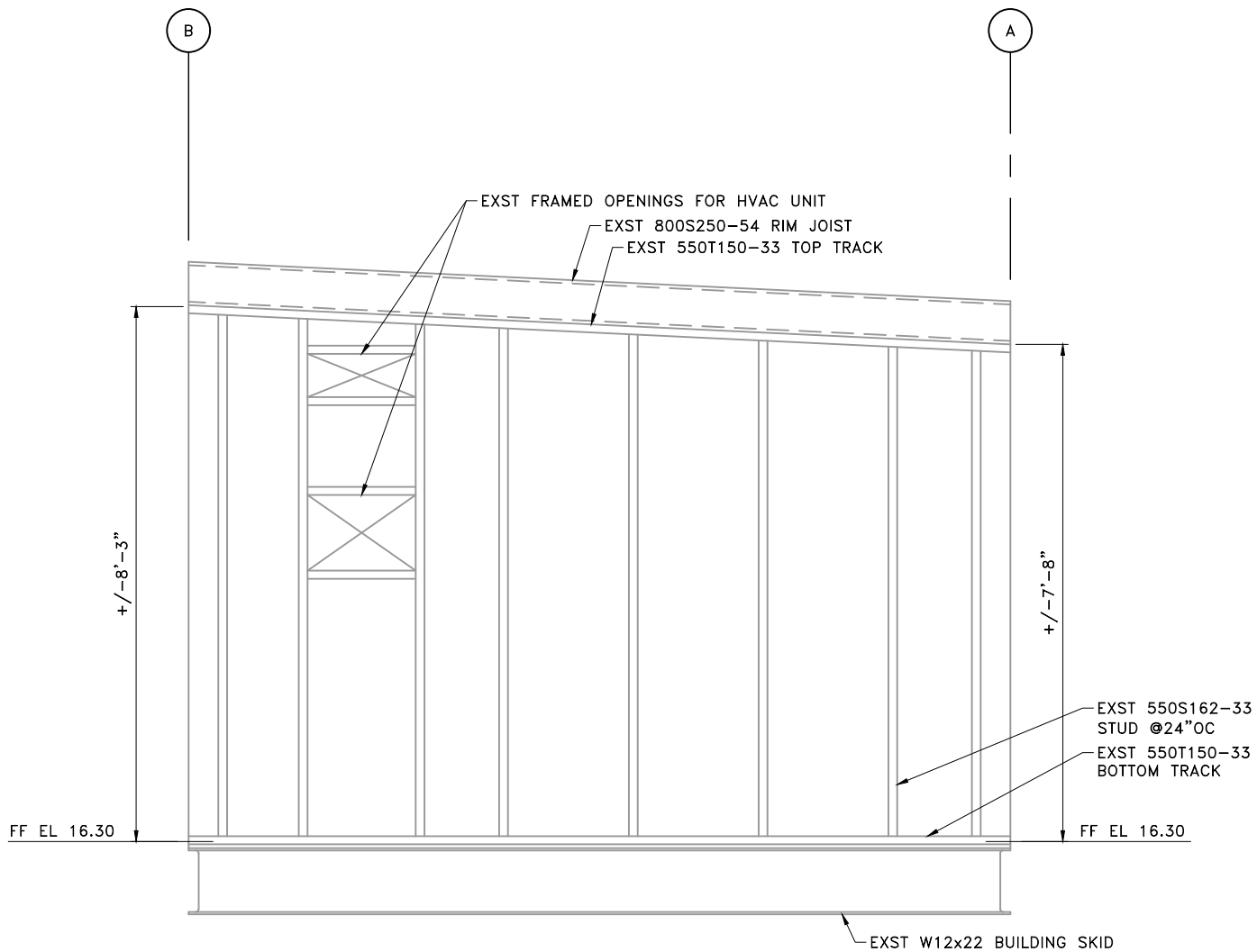


**A ELEVATION**



FILE NAME: S02.01_ELEVATIONS.dwg												SR20		S02.01
PRINTED: 8:22:28 AM	12/5/2023	LAST PRINTED BY:										COUPEVILLE FERRY TERMINAL		
SUBMITTAL DATE:	12/5/2023	RYAN.MAAS									AGENT'S OFFICE		SHEET	
DESIGNED BY:	R. MAAS										BUILDING ELEVATIONS 1		84	
ENTERED BY:	M. NAYRA												OF	
CHECKED BY:	H. NADERI												119	
MAR PROJ ENGR:	L. LU												SHEETS	
DGN ENGR MNGR:	C. CHEN													
ASST SECRETARY:	P. RUBSTELLO													
REVISION														
DATE														
BY														
												</		

NOTES:  
1. EXISTING WALL AND ROOF SHEATHING NOT SHOWN FOR CLARITY.



EXISTING FRAMING VIEW

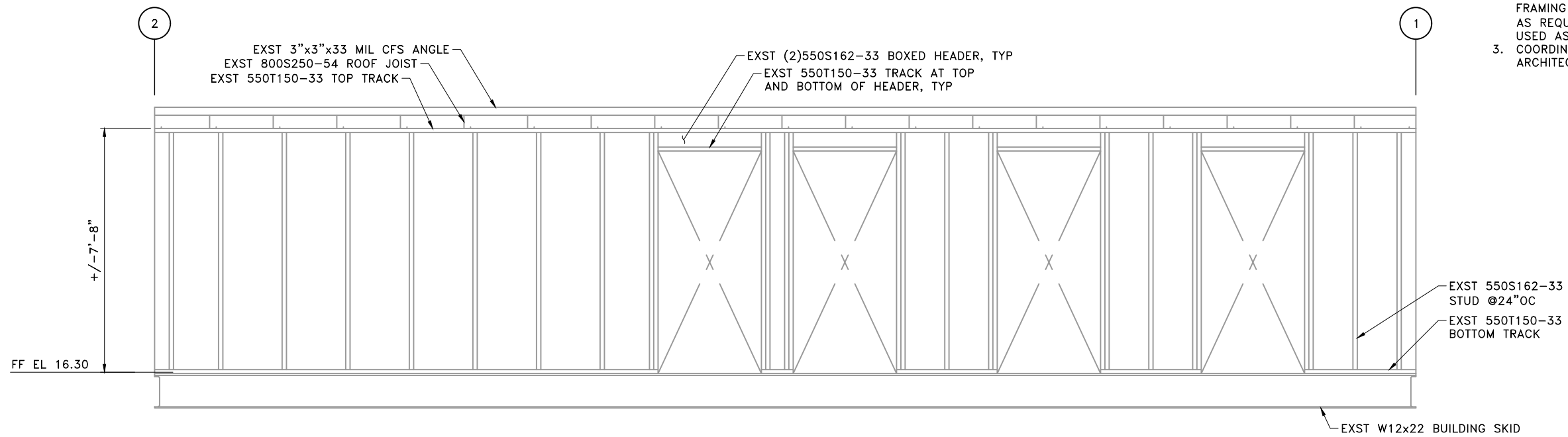
**B** ELEVATION  
S01.04

NOTES:  
1. NO MODIFICATIONS TO EXISTING FRAMING ARE PROPOSED.

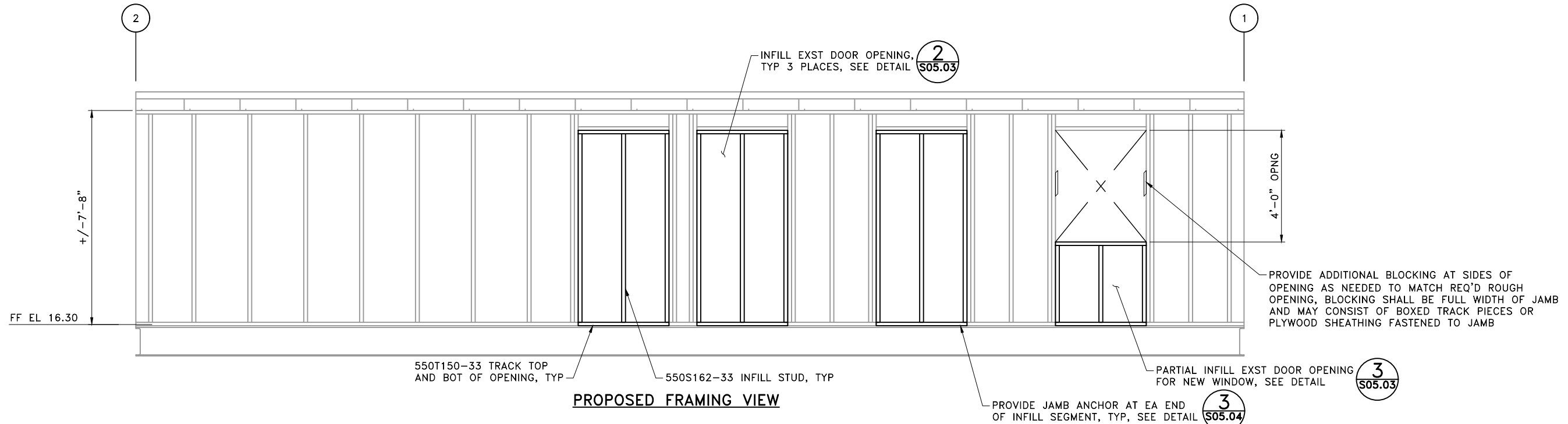


FILE NAME: S02.02_ELEVATIONS.dwg								SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE	S02.02
PRINTED: 8:22:32 AM	12/5/2023	LAST PRINTED BY: RYAN.MAAS							
SUBMITTAL DATE: 12/5/2023						REGION NO. 10 STATE WASH JOB NUMBER 20W091 CONTRACT NO. 00****	Washington State Department of Transportation WASHINGTON STATE FERRIES	BUILDING ELEVATIONS 2	SHEET 85 OF 119 SHEETS
DESIGNED BY: R. MAAS									
ENTERED BY: M. NAYRA									
CHECKED BY: H. NADERI									
MAR PROJ ENGR: L. LU									
DGN ENGR MNGR: C. CHEN									
ASST SECRETARY: P. RUBSTELLO			REVISION	DATE	BY				

- NOTES:**
1. EXISTING WALL AND ROOF SHEATHING NOT SHOWN FOR CLARITY.
  2. REMOVE AND REPLACE EXISTING WALL SHEATHING AS REQUIRED TO CREATE NEW OPENING AND INSTALL NEW FRAMING. NO PIECE OF SHEATHING SHALL BE LESS THAN 12" WIDE. ALL SHEATHING EDGES SHALL BE SUPPORTED BY FRAMING MEMBERS OR BLOCKING, ADD ADDITIONAL BLOCKING AS REQUIRED. 1 1/2" WIDE 33 MIL FLAT STRAP MAY BE USED AS BLOCKING WHEN PLACED UNDER THE SHEATHING.
  3. COORDINATE FINAL ROUGH OPENING DIMENSIONS WITH ARCHITECTURAL.



**EXISTING FRAMING VIEW**



**PROPOSED FRAMING VIEW**

**C ELEVATION**  
S01.04



FILE NAME: S02.03_ELEVATIONS.dwg					
PRINTED: 8:22:36 AM	12/5/2023	LAST PRINTED BY:			FED.AID PROJ.NO.
SUBMITTAL DATE: 12/5/2023		RYAN.MAAS			*-WA-***
DESIGNED BY: R. MAAS					REGION NO. STATE
ENTERED BY: M. NAYRA					10 WASH
CHECKED BY: H. NADERI					JOB NUMBER
MAR PROJ ENGR: L. LU					20W091
DGN ENGR MNGR: C. CHEN					CONTRACT NO.
ASST SECRETARY: P. RUBSTELLO					00****
		REVISION	DATE	BY	

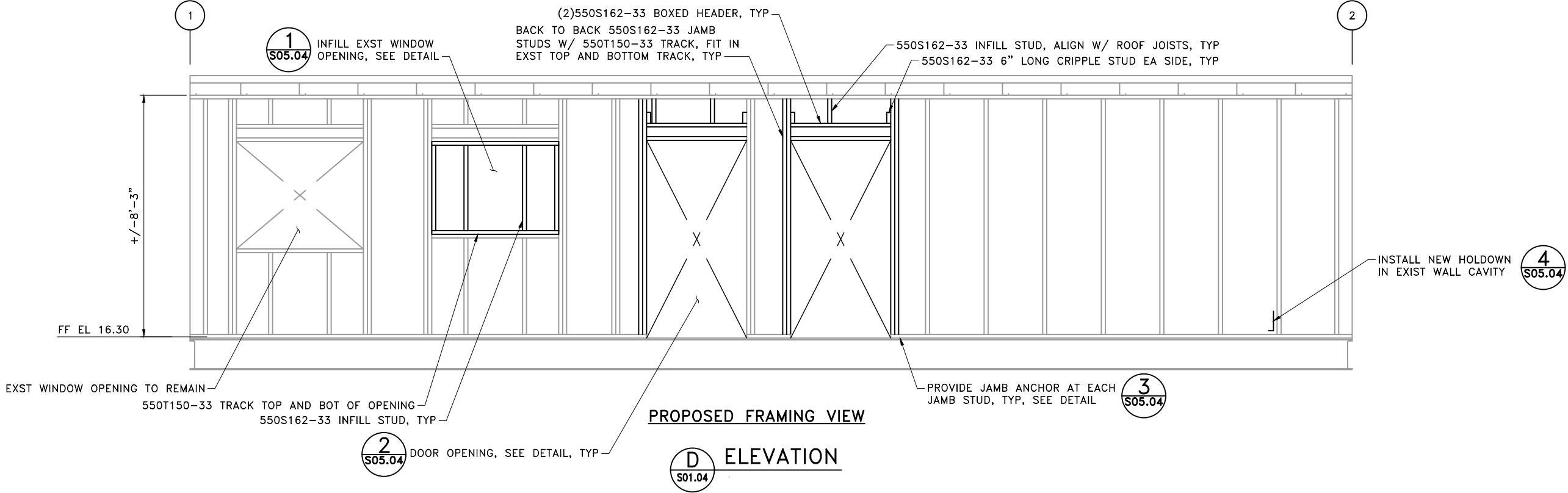
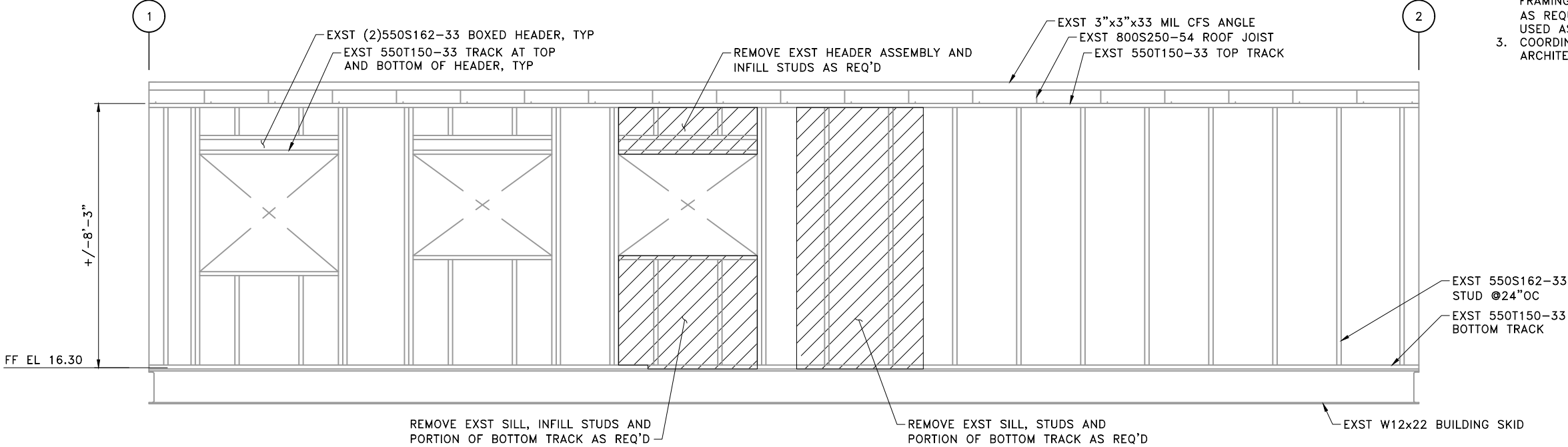


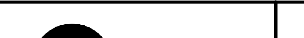

SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE	
BUILDING ELEVATIONS 3	

S02.03
SHEET
86 OF
119 SHEETS



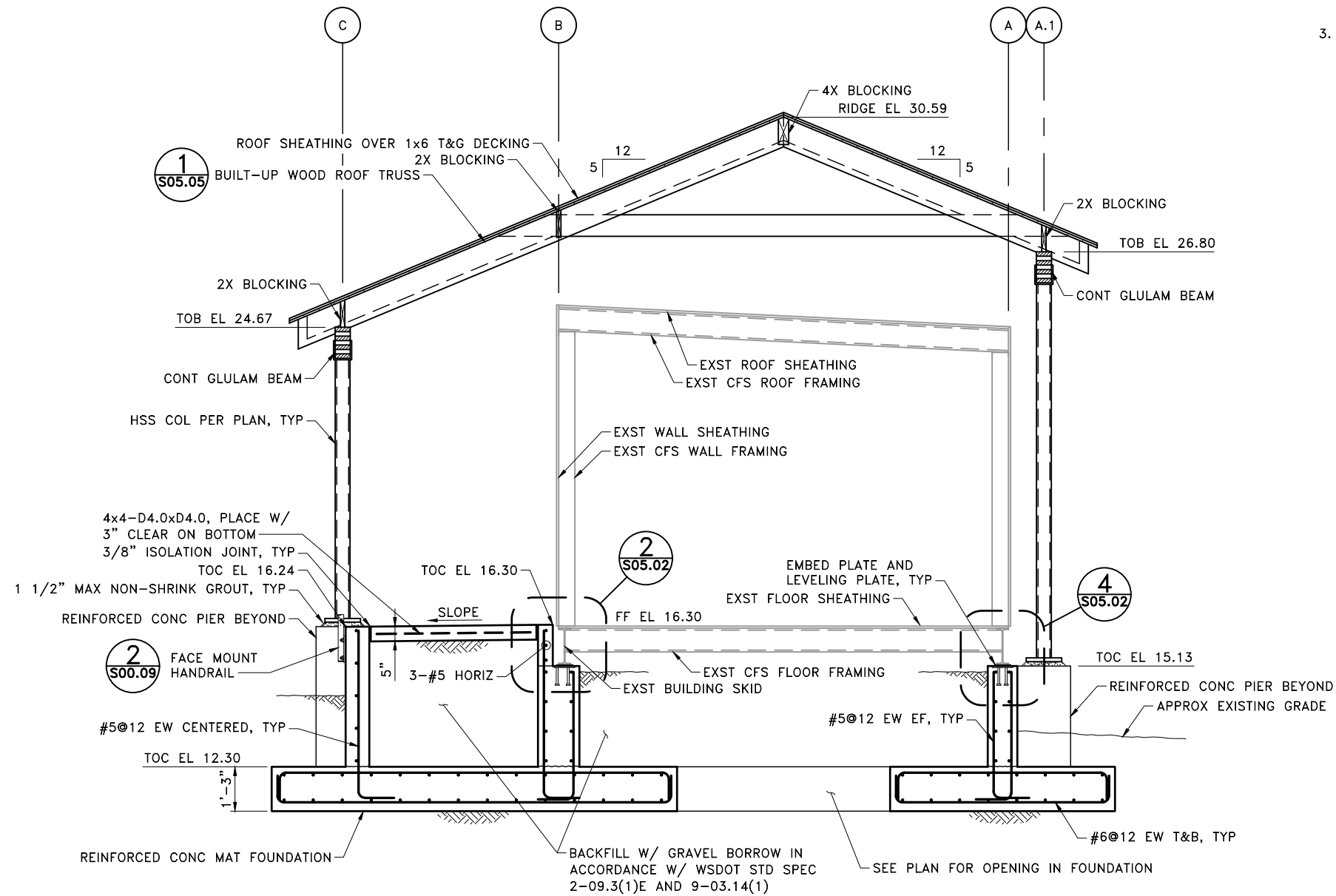
- NOTES:**
1. EXISTING WALL AND ROOF SHEATHING NOT SHOWN FOR CLARITY.
  2. REMOVE AND REPLACE EXISTING WALL SHEATHING AS REQUIRED TO CREATE NEW OPENING AND INSTALL NEW FRAMING. NO PIECE OF SHEATHING SHALL BE LESS THAN 12" WIDE. ALL SHEATHING EDGES SHALL BE SUPPORTED BY FRAMING MEMBERS OR BLOCKING, ADD ADDITIONAL BLOCKING AS REQUIRED. 1 1/2" WIDE 33 MIL FLAT STRAP MAY BE USED AS BLOCKING WHEN PLACED UNDER THE SHEATHING.
  3. COORDINATE FINAL ROUGH OPENING DIMENSIONS WITH ARCHITECTURAL.



FILE NAME: S02.04_ELEVATIONS.dwg												<b>Washington State</b> <b>Department of Transportation</b> WASHINGTON STATE FERRIES	SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE		S02.04																																																																																																																																																																																																																																																																																																																																																																											
REVISION	DATE	BY	FED.AID PROJ.NO. *—WA—** REGION NO. STATE 10 WASH JOB NUMBER 20W091 CONTRACT NO. 00****																																																																																																																																																																																																																																																																																																																																																																																							
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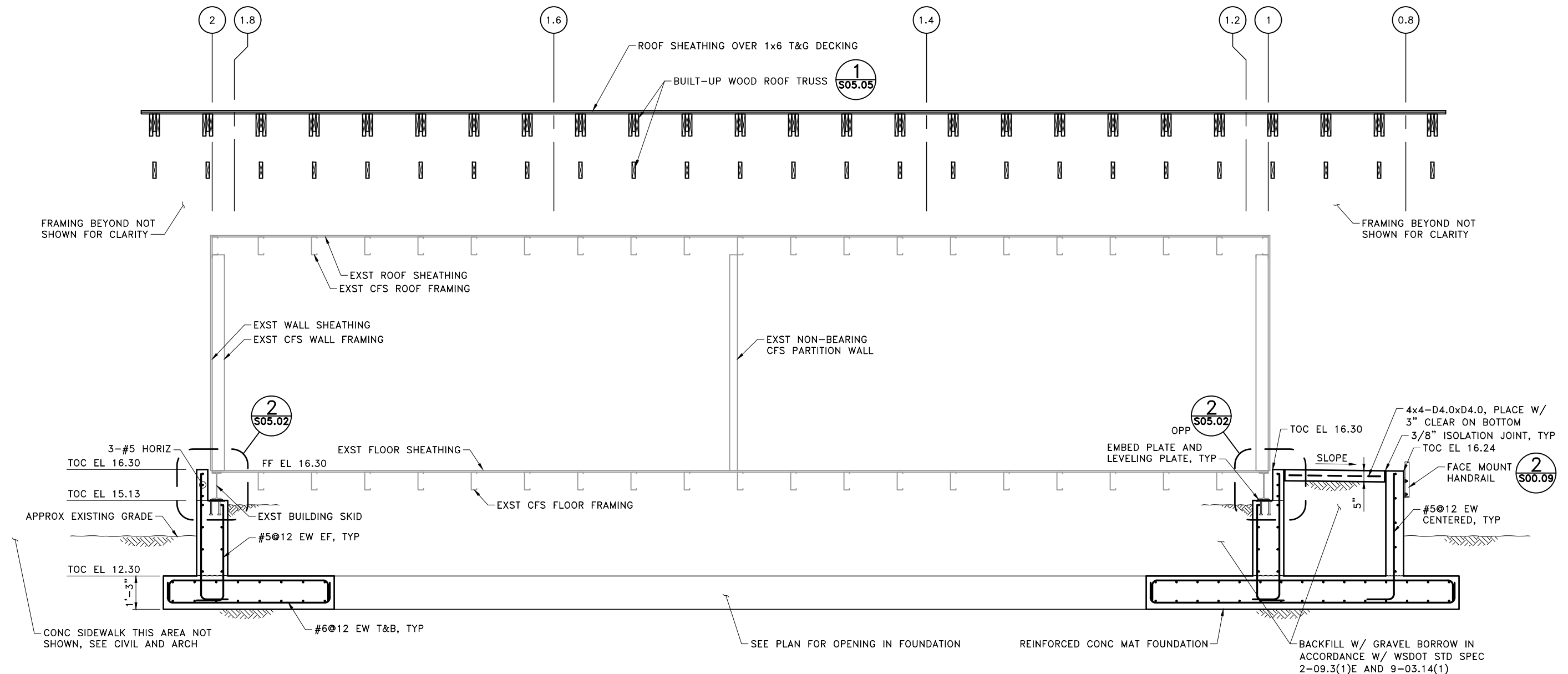
1. INSTALL TONGUE AND GROOVE DECKING WITH TONGUE UP ON SLOPE OF ROOF. EACH PIECE OF DECKING SHALL BE TOENAILED AT EACH SUPPORT WITH ONE 10d (.148"x3") NAIL THROUGH THE TONGUE AND FACE-NAILED WITH ONE 10d (.148"x3") NAIL. EACH PIECE SHALL HAVE A MINIMUM OF TWO SPANS AND BE SUPPORTED BY THREE SUPPORTS. ALL END JOINTS SHALL OCCUR IN LINE ON ALTERNATING SUPPORTS.
2. ROOF SHEATHING SHALL BE 23/32" PLYWOOD SHEATHING WITH 48/24 SPAN RATING. FASTEN TO ALL SUPPORTS WITH 10d (.148"x3") NAILS. FASTEN AT 6" OC AT DIAPHRAGM BOUNDARY AND SUPPORTED PANEL EDGES AND 12" OC AT PANEL FIELD. PANEL EDGES NOT SUPPORTED BY FRAMING MAY BE UNBLOCKED. CARE SHALL BE TAKEN TO LOCATE NAILS SO THEY DO NOT PENETRATE THE BOTTOM FACE OF THE TONGUE AND GROOVE DECKING.
3. ROOF SHEATHING PANEL EDGES SHALL NOT COINCIDE WITH JOINTS IN DECKING. ADJACENT PANEL EDGES PARALLEL TO DECKING SHALL BE FASTENED TO A COMMON DECKING MEMBER.



SECTION A  
S01.01





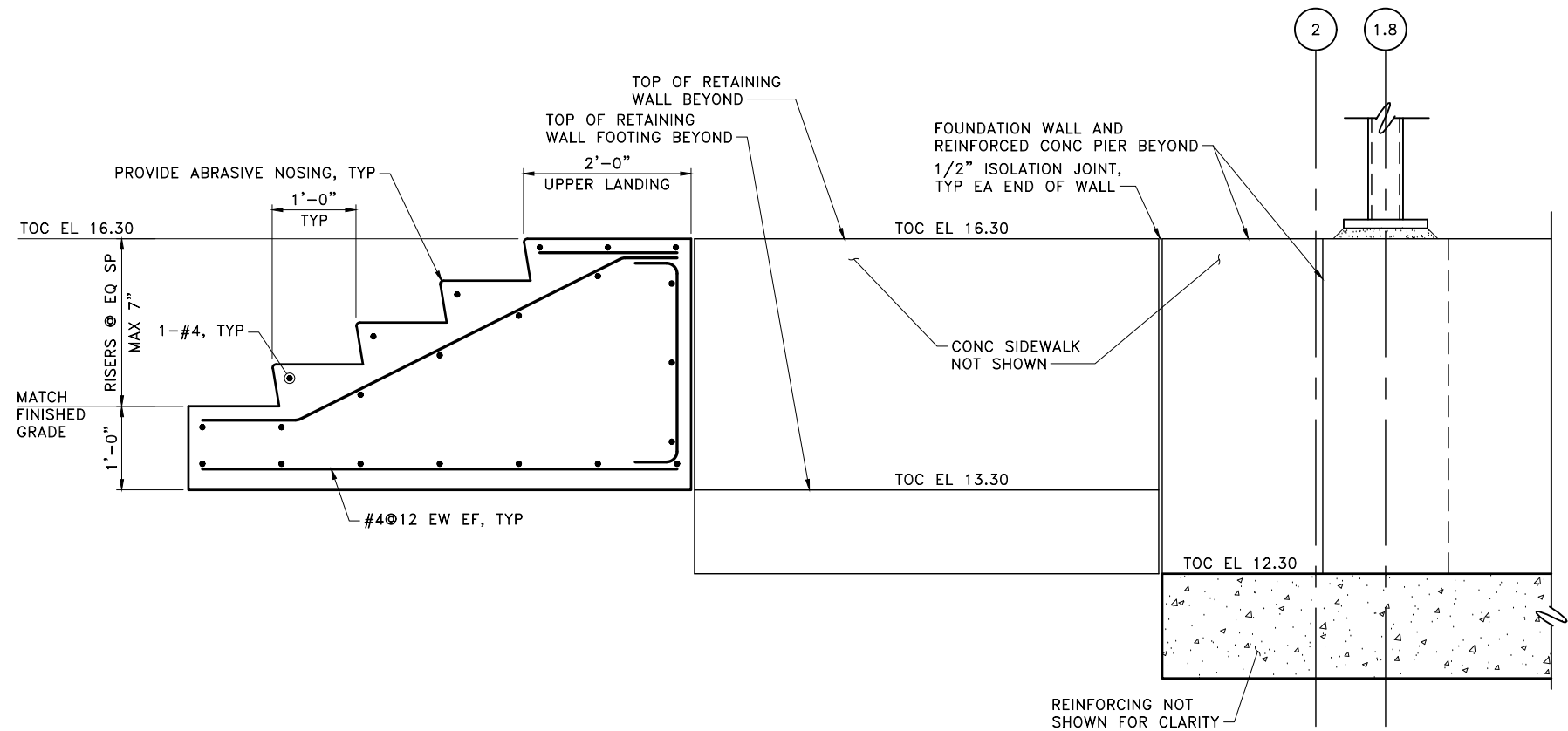
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SUBMITTAL DATE: 12/5/2023						REGION NO. 10	STATE WASH	AGENT'S OFFICE	SHEET 88 OF 119 SHEETS
DESIGNED BY: R. MAAS									
ENTERED BY: M. NAYRA						JOB NUMBER 20W091		SECTIONS 1	
CHECKED BY: H. NADERI									
MAR PROJ ENGR: L. LU						CONTRACT NO. 00****			
DGN ENGR MNGR: C. CHEN									
ASST SECRETARY: P. RUBSTELLO			REVISION	DATE	BY				



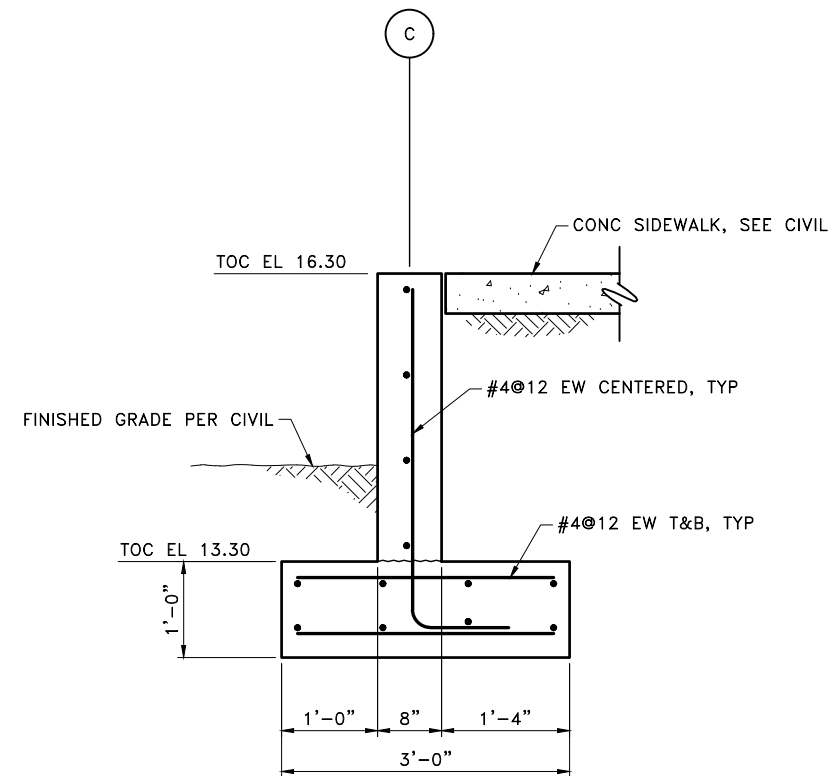
**B SECTION**  
S01.01



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PRINTED: 8:22:49 AM 12/5/2023				LAST PRINTED BY:				FED.AID PROJ.NO.						COUPEVILLE FERRY TERMINAL				
SUBMITTAL DATE: 12/5/2023				RYAN.MAAS				*-WA-***						AGENT'S OFFICE				
DESIGNED BY: R. MAAS								REGION NO. STATE						SHEET				
ENTERED BY: M. NAYRA								10 WASH						89				
CHECKED BY: H. NADERI								JOB NUMBER						OF				
MAR PROJ ENGR: L. LU								20W091						119				
DGN ENGR MNGR: C. CHEN								CONTRACT NO.						SHEETS				
ASST SECRETARY: P. RUBSTELLO						REVISION		DATE		BY								




**A** SECTION  
S01.03




**B** SECTION  
S01.03



FILE NAME: S03.03_SECTIONS.dwg																					
PRINTED: 8:22:54 AM 12/5/2023			LAST PRINTED BY:						FED.AID PROJ.NO.												
SUBMITTAL DATE: 12/5/2023			RYAN.MAAS						*-WA-***												
DESIGNED BY: R. MAAS									REGION NO. STATE												
ENTERED BY: M. NAYRA									10 WASH												
CHECKED BY: H. NADERI									JOB NUMBER 20W091												
MAR PROJ ENGR: L. LU									CONTRACT NO. 00****												
DGN ENGR MNGR: C. CHEN																					
ASST SECRETARY: P. RUBSTELLO						REVISION			DATE			BY									

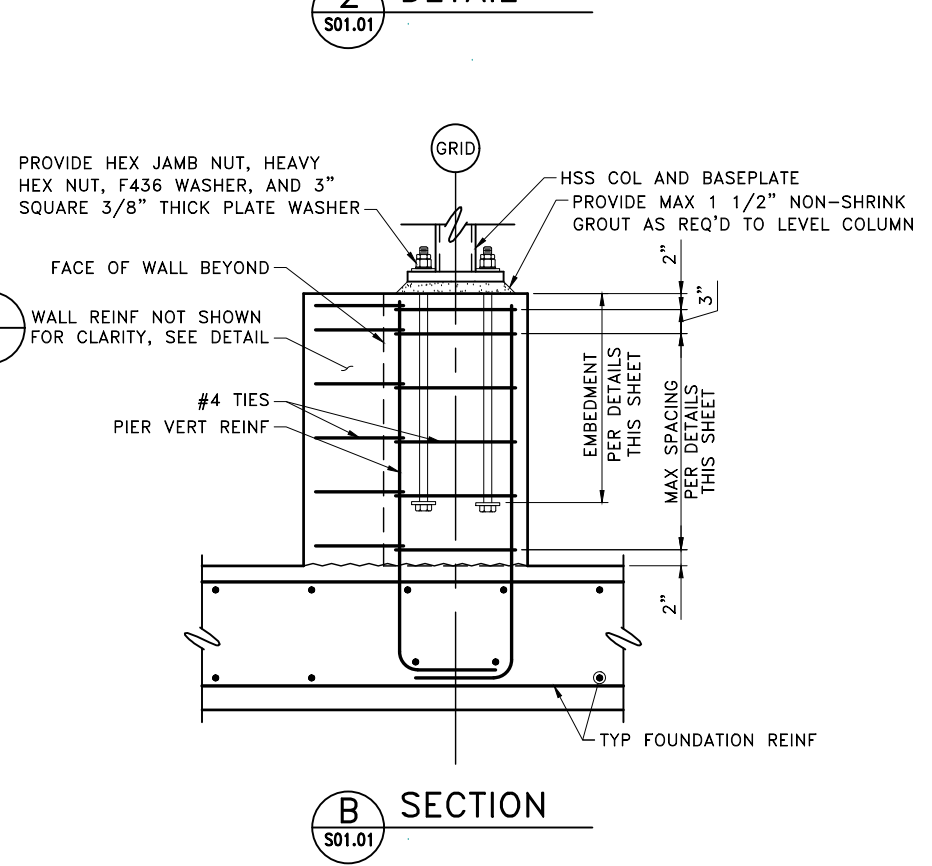
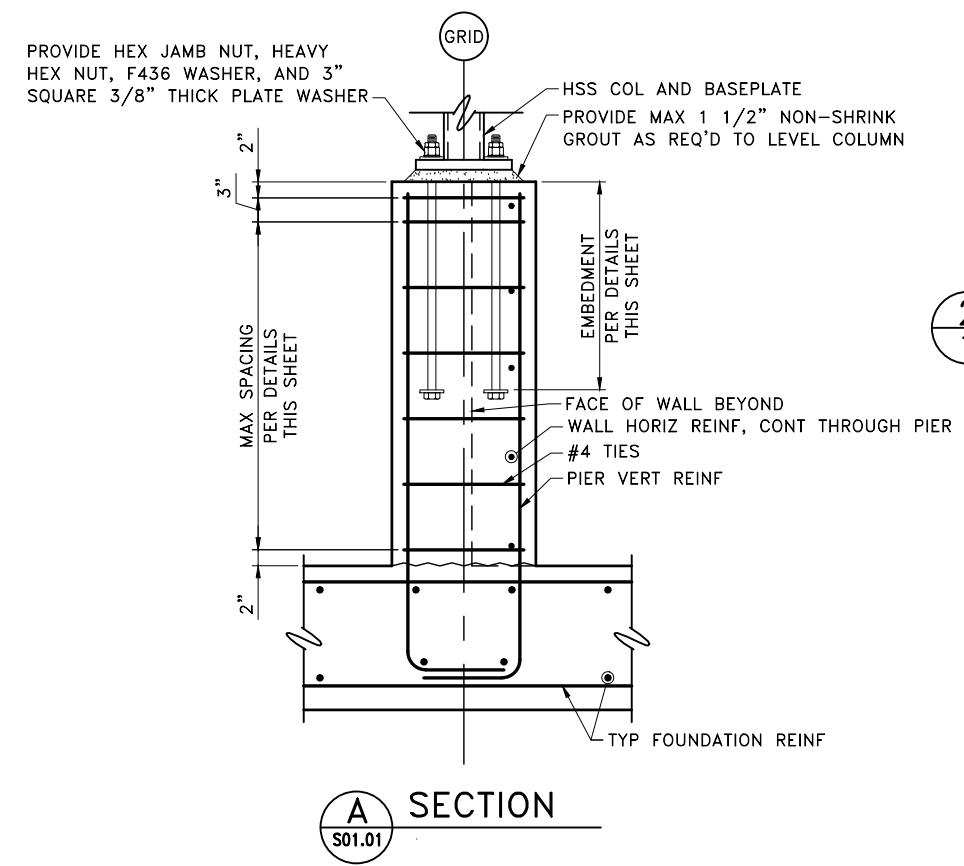
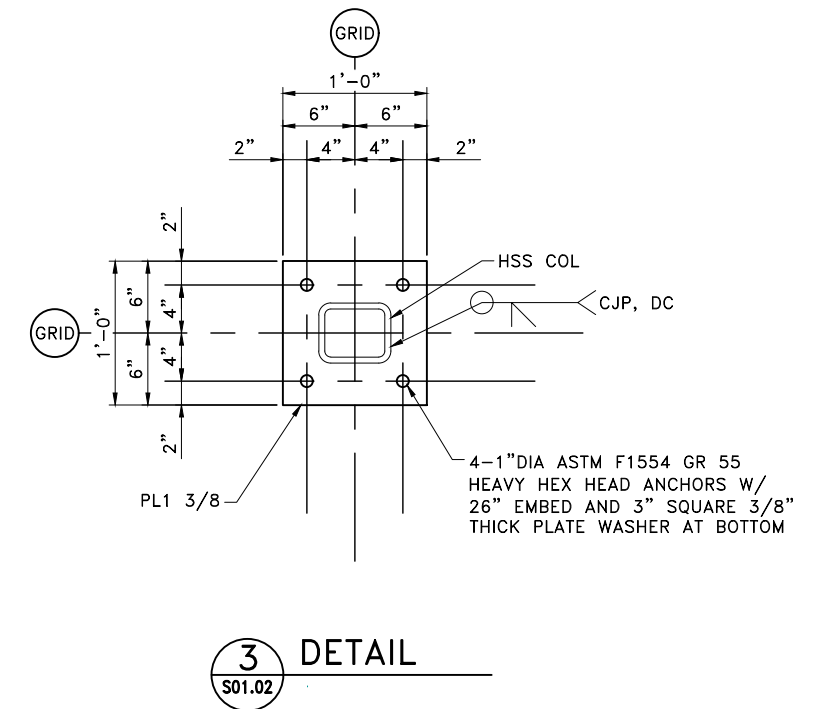
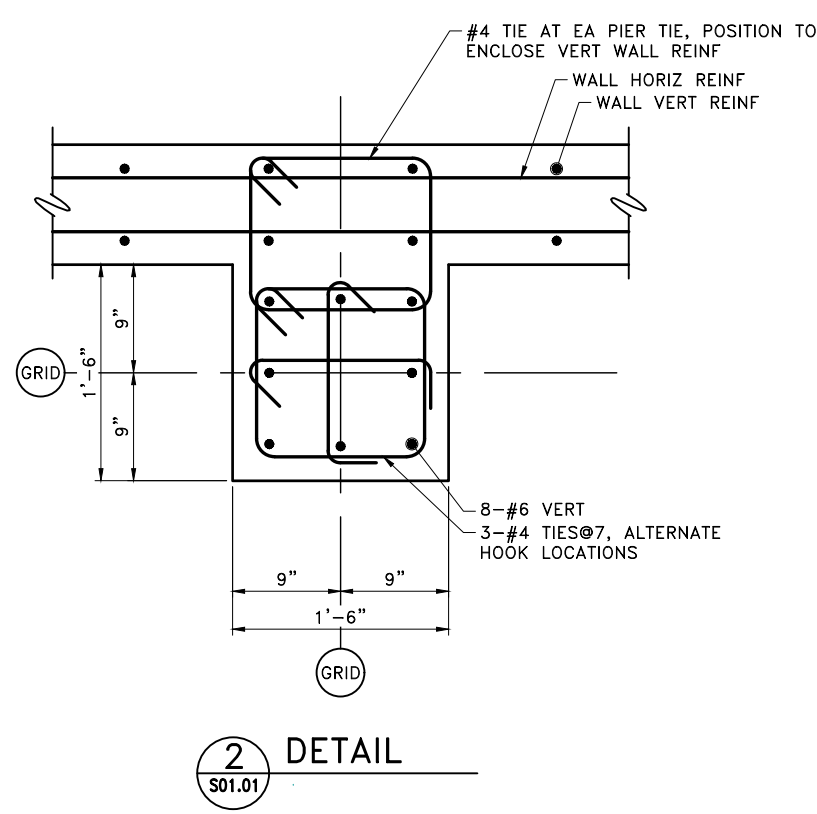
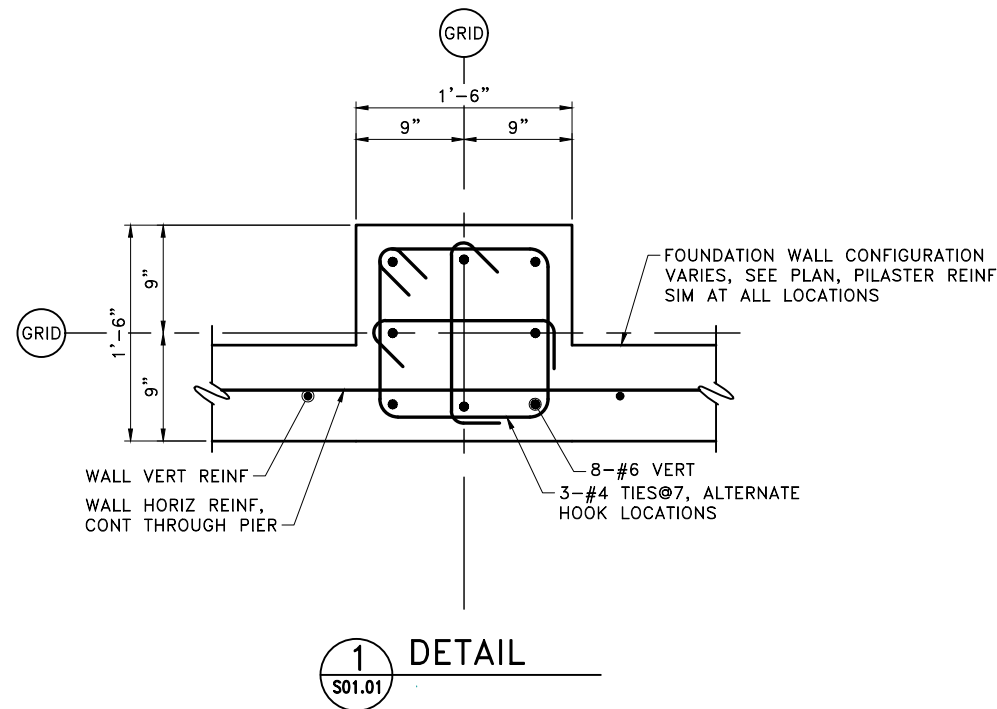




**Washington State**  
**Department of Transportation**  
WASHINGTON STATE FERRIES

SR20		S03.03
COUPEVILLE FERRY TERMINAL		
AGENT'S OFFICE		
SECTIONS 3		SHEET
		90
		OF
		119
		SHEETS

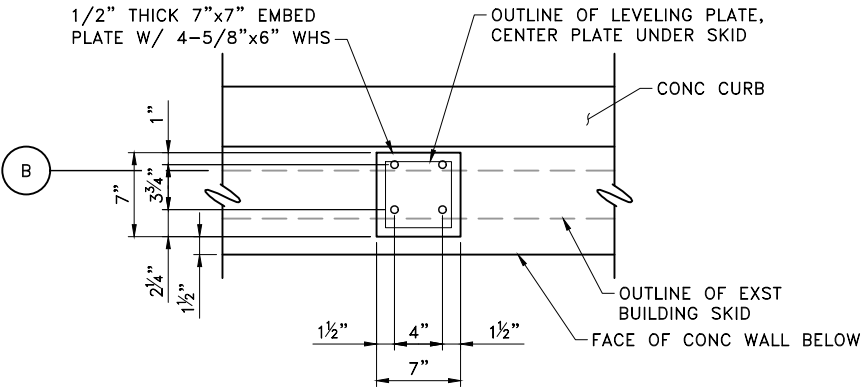




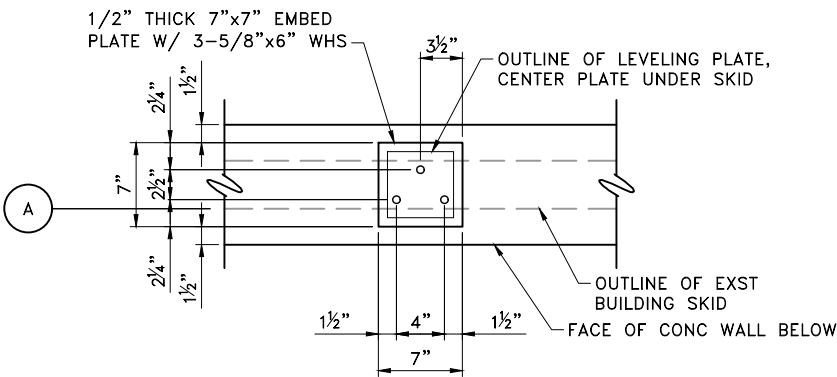
FILE NAME: S05.01_FOUNDATION DETAILS.dwg										<div><div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div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**NOTES:**

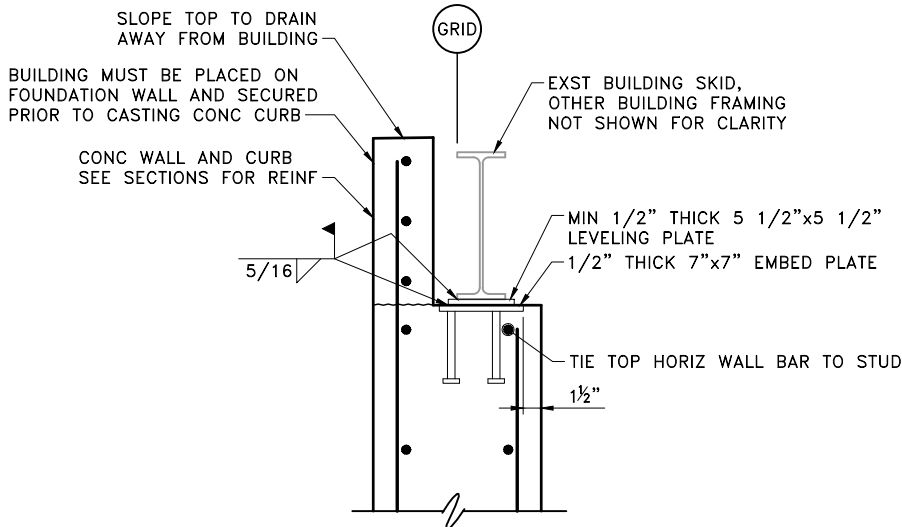
1. EMBED PLATE, WELDED HEADED STUDS, AND LEVELING PLATE SHALL BE GALVANIZED AND PAINTED. AFTER FIELD WELDING, GALVANIZING SHALL BE REPAIRED AND THE EFFECTED AREA SHALL BE FIELD PAINTED IN ACCORDANCE WITH THE SPECIFICATIONS.



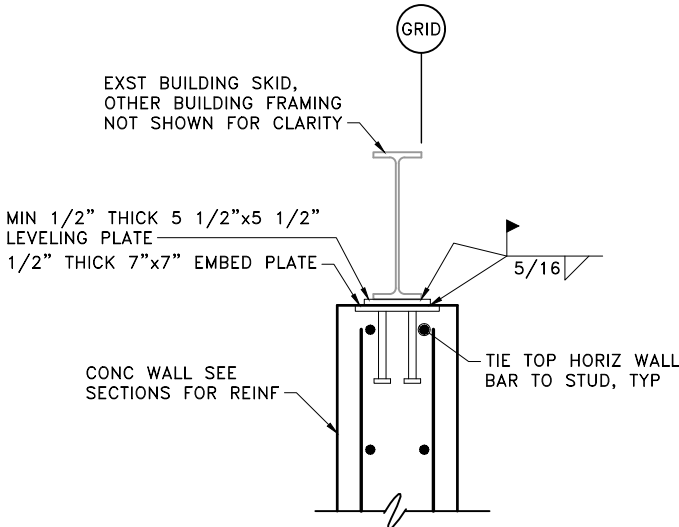
**1** DETAIL  
S01.02



**3** DETAIL  
S01.02



**2** DETAIL  
S03.01

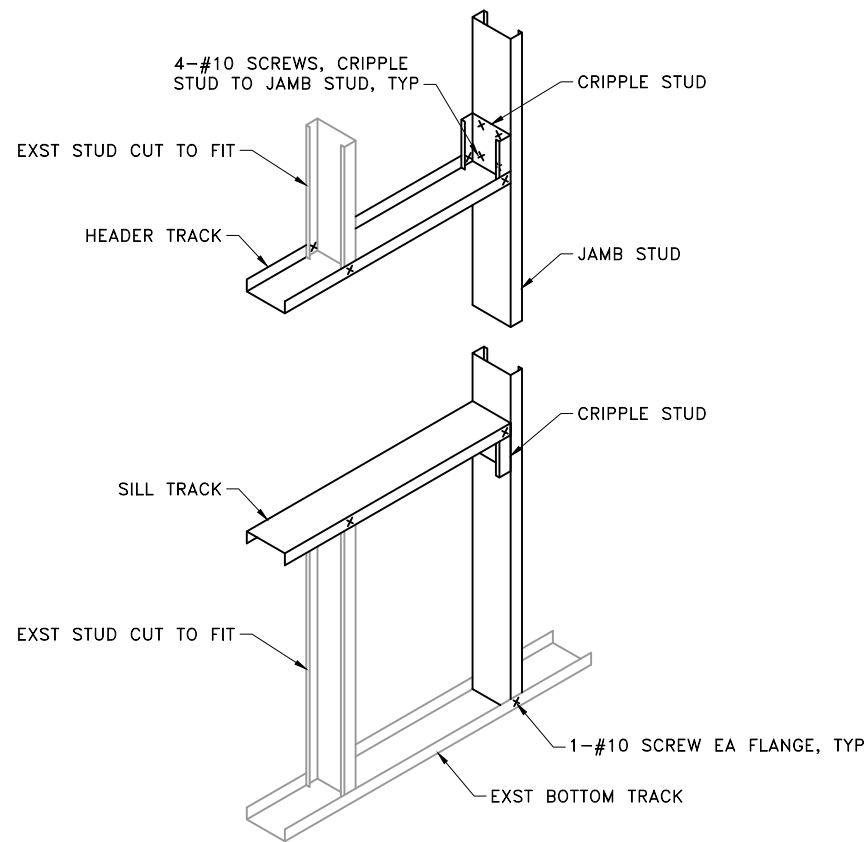


**4** DETAIL  
S03.01



FILE NAME: S05.02_FOUNDATION DETAILS.dwg						FED.AID PROJ.NO. *--WA--***	REGION NO. STATE 10 WASH	JOB NUMBER 20W091	CONTRACT NO. 00****		 Washington State Department of Transportation WASHINGTON STATE FERRIES	SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE	S05.02
PRINTED: 8:23:02 AM	12/5/2023	LAST PRINTED BY: RYAN.MAAS											
SUBMITTAL DATE: 12/5/2023													SHEET
DESIGNED BY: R. MAAS													92
ENTERED BY: M. NAYRA													OF
CHECKED BY: H. NADERI													119
MAR PROJ ENGR: L. LU													SHEETS
DGN ENGR MNGR: C. CHEN													
ASST SECRETARY: P. RUBSTELLO													
			REVISION	DATE	BY							FOUNDATION DETAILS 2	



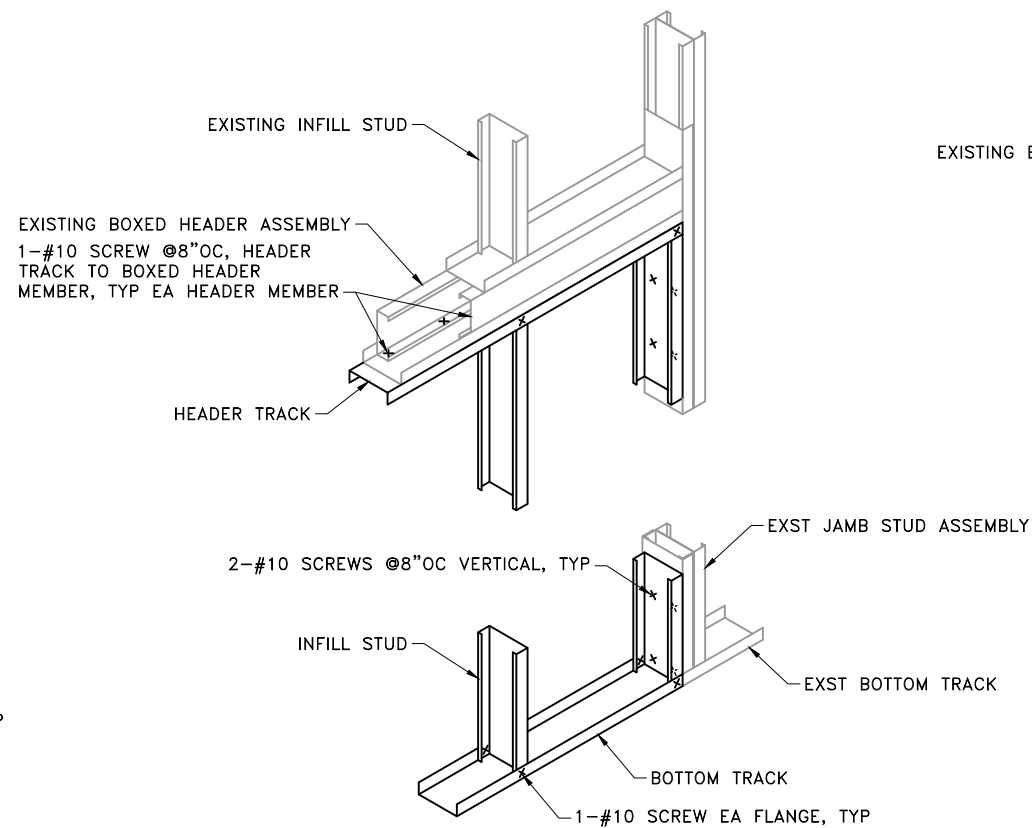


TYPICAL NON-LOAD BEARING WINDOW HEADER

**1** DETAIL  
S02.01

**NOTES:**

1. ONLY ONE HALF OF THE OPENING IS SHOWN, THE OTHER HALF IS SYMMETRIC.
2. SEE FRAMING ELEVATIONS FOR MEMBER SIZES AND DIMENSIONS.
3. EXISTING FASTENERS NOT SHOWN.

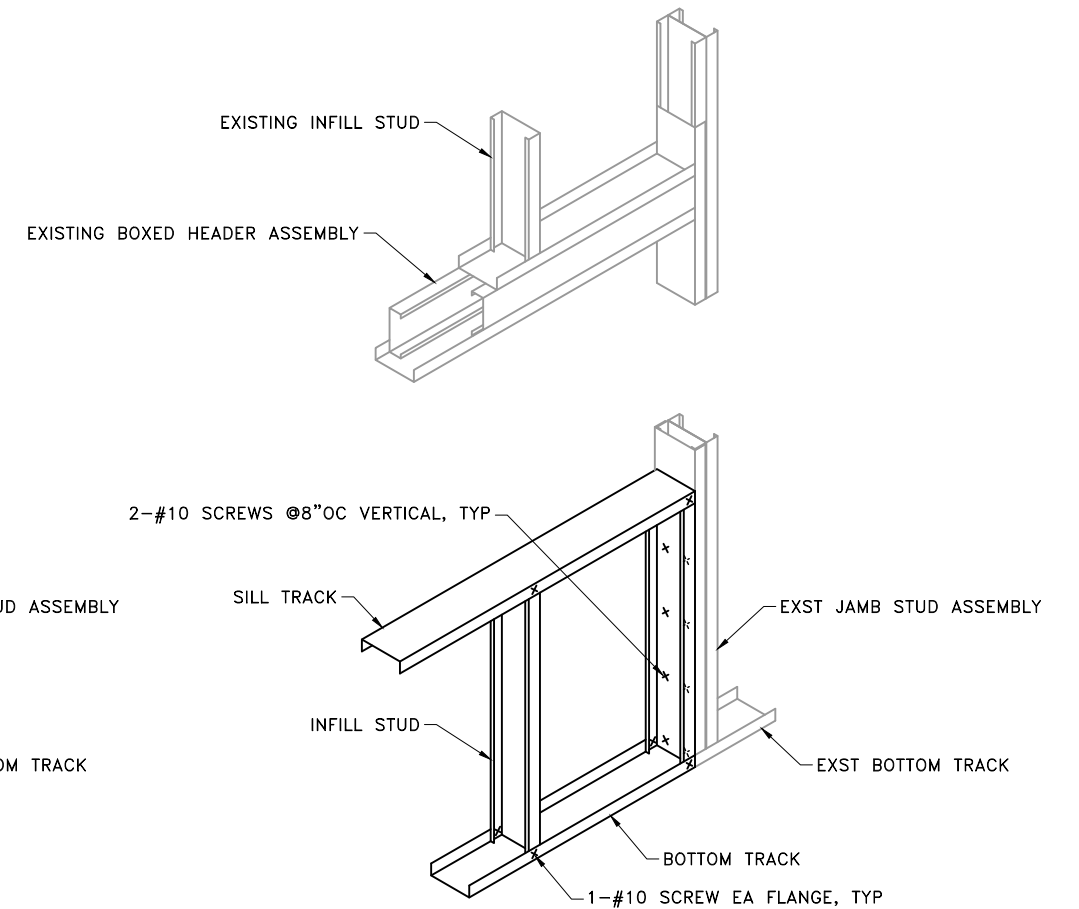


TYPICAL EXISTING DOOR FULL HEIGHT INFILL

**2** DETAIL  
S02.03

**NOTES:**

1. ONLY ONE HALF OF THE OPENING IS SHOWN, THE OTHER HALF IS SYMMETRIC.
2. SEE FRAMING ELEVATIONS FOR MEMBER SIZES AND DIMENSIONS.
3. EXISTING FASTENERS NOT SHOWN.





TYPICAL EXISTING DOOR PARTIAL HEIGHT INFILL

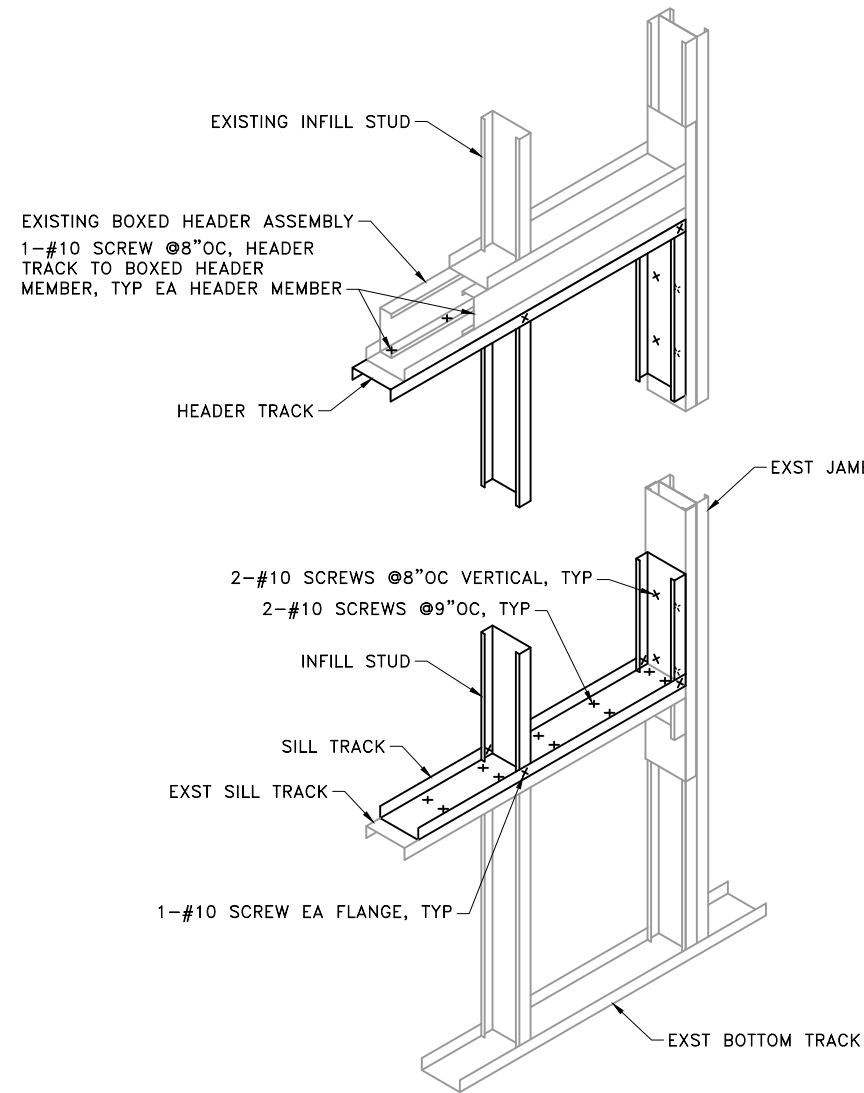
**3** DETAIL  
S02.03

**NOTES:**

1. ONLY ONE HALF OF THE OPENING IS SHOWN, THE OTHER HALF IS SYMMETRIC.
2. SEE FRAMING ELEVATIONS FOR MEMBER SIZES AND DIMENSIONS.
3. EXISTING FASTENERS NOT SHOWN.



FILE NAME: S05.03_BUILDING DETAILS.dwg								 <b>Washington State</b> <b>Department of Transportation</b> WASHINGTON STATE FERRIES	SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE		S05.03
PRINTED: 8:23:05 AM	12/5/2023	LAST PRINTED BY: RYAN.MAAS									SHEET
SUBMITTAL DATE: 12/5/2023											93
DESIGNED BY: R. MAAS											OF
ENTERED BY: M. NAYRA											119
CHECKED BY: H. NADERI											SHEETS
MAR PROJ ENGR: L. LU									BUILDING DETAILS 1		
DGN ENGR MNGR: C. CHEN											
ASST SECRETARY: P. RUBSTELLO			REVISION	DATE	BY						

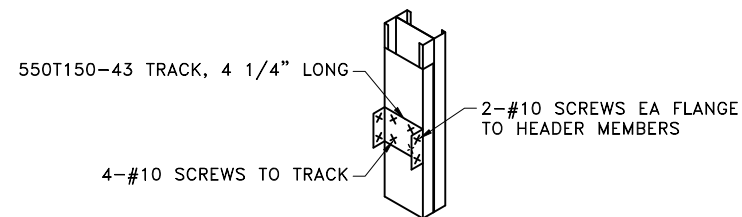


TYPICAL EXISTING WINDOW INFILL

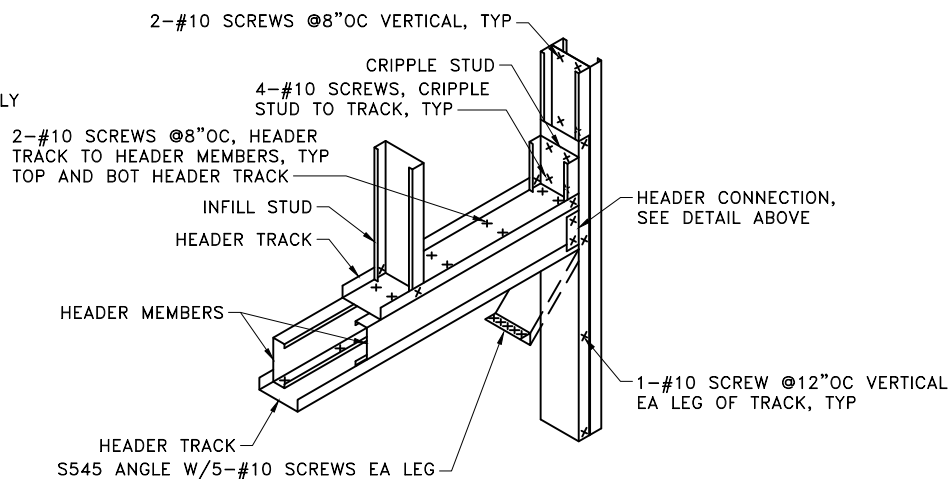
1  
S02.04  
DETAIL

NOTES:

1. ONLY ONE HALF OF THE OPENING IS SHOWN, THE OTHER HALF IS SYMMETRIC.
2. SEE FRAMING ELEVATIONS FOR MEMBER SIZES AND DIMENSIONS.
3. EXISTING FASTENERS NOT SHOWN.



HEADER CONNECTION

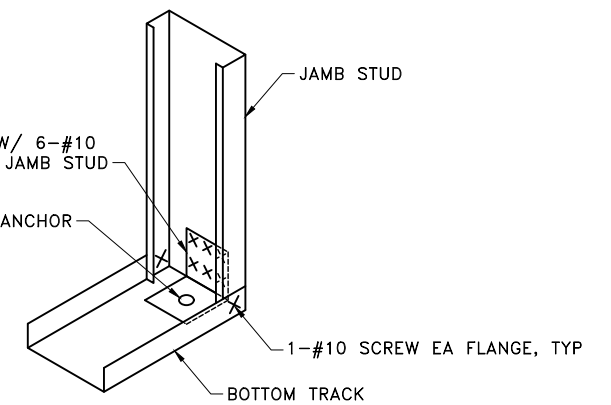
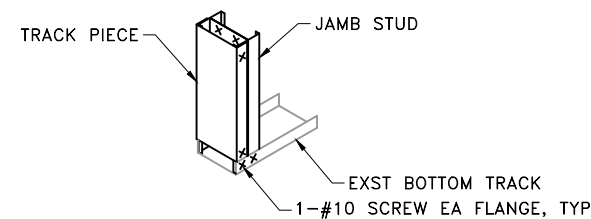


TYPICAL DOOR HEADER

2  
S02.04  
DETAIL

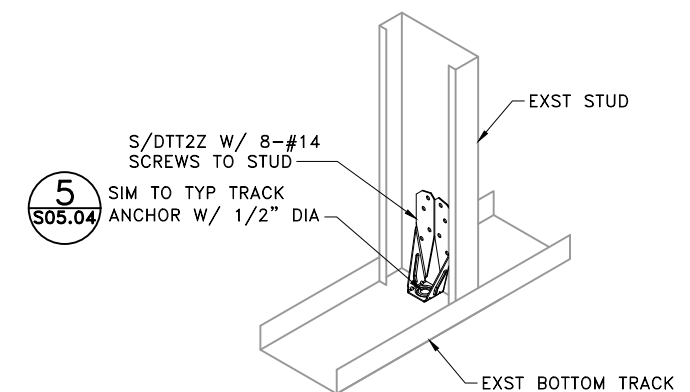
NOTES:

1. ONLY ONE HALF OF THE OPENING IS SHOWN, THE OTHER HALF IS SYMMETRIC.
2. SEE FRAMING ELEVATIONS FOR MEMBER SIZES AND DIMENSIONS.



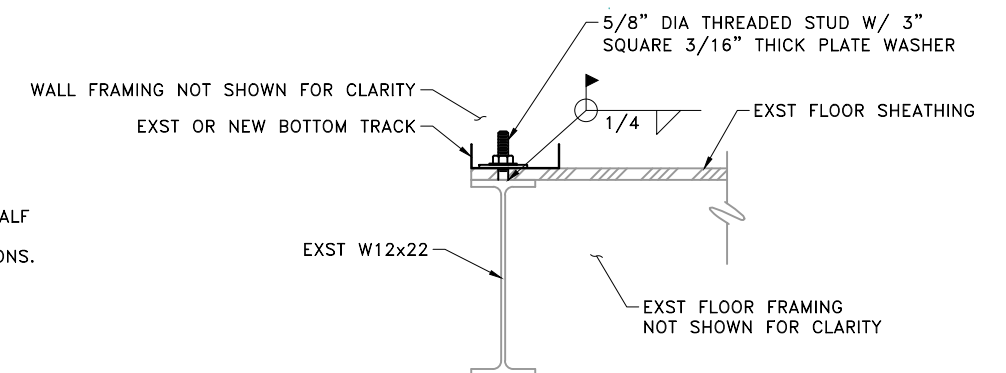
TYPICAL NEW JAM ANCHORAGE

3  
S02.03  
DETAIL



NEW HOLDOWN

4  
S01.04  
DETAIL

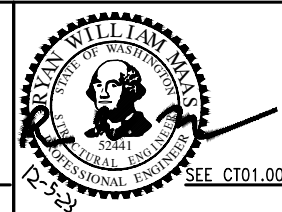


TYPICAL NEW TRACK ANCHOR

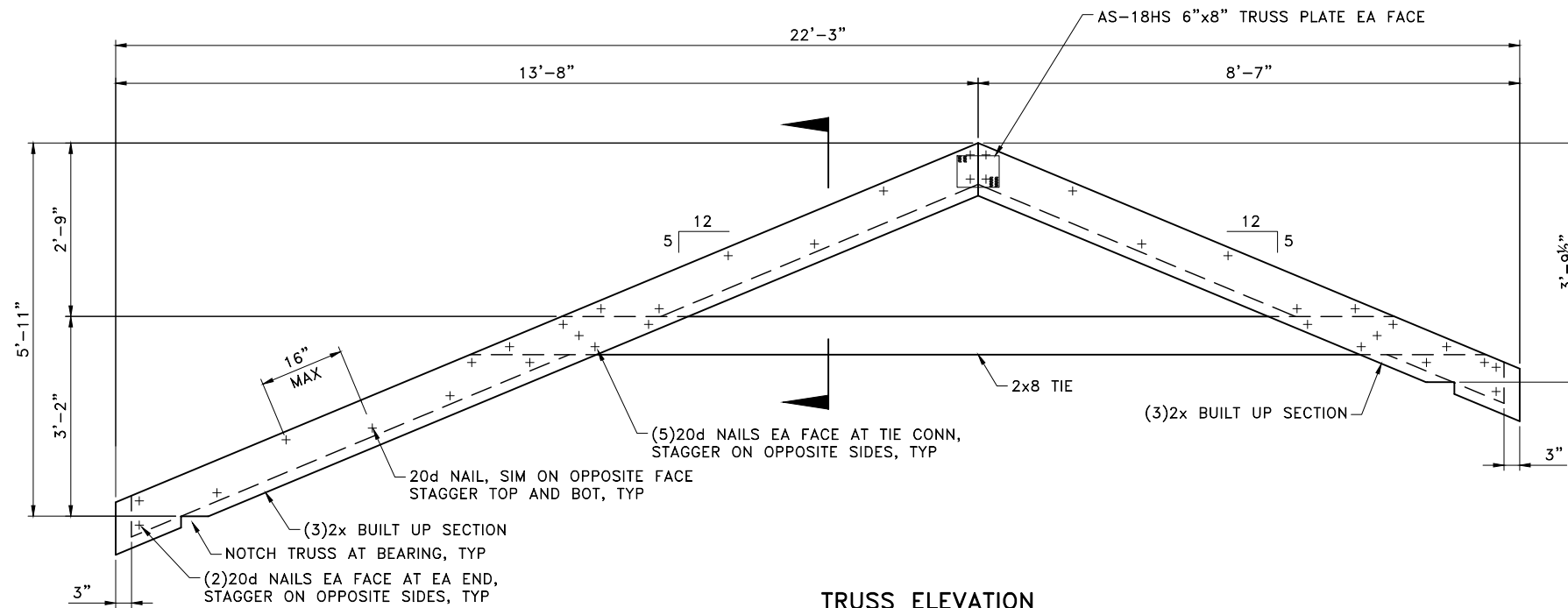
5  
S05.04  
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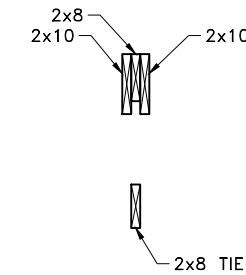
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SUBMITTAL DATE:	12/5/2023	RYAN.MAAS					*-WA-***		
DESIGNED BY:	R. MAAS						REGION NO.	STATE	
ENTERED BY:	M. NAYRA						10	WASH	
CHECKED BY:	H. NADERI						JOB NUMBER		
MAR PROJ ENGR:	L. LU						20W091		
DGN ENGR MNGR:	C. CHEN						CONTRACT NO.		
ASST SECRETARY:	P. RUBSTELLO						00****		
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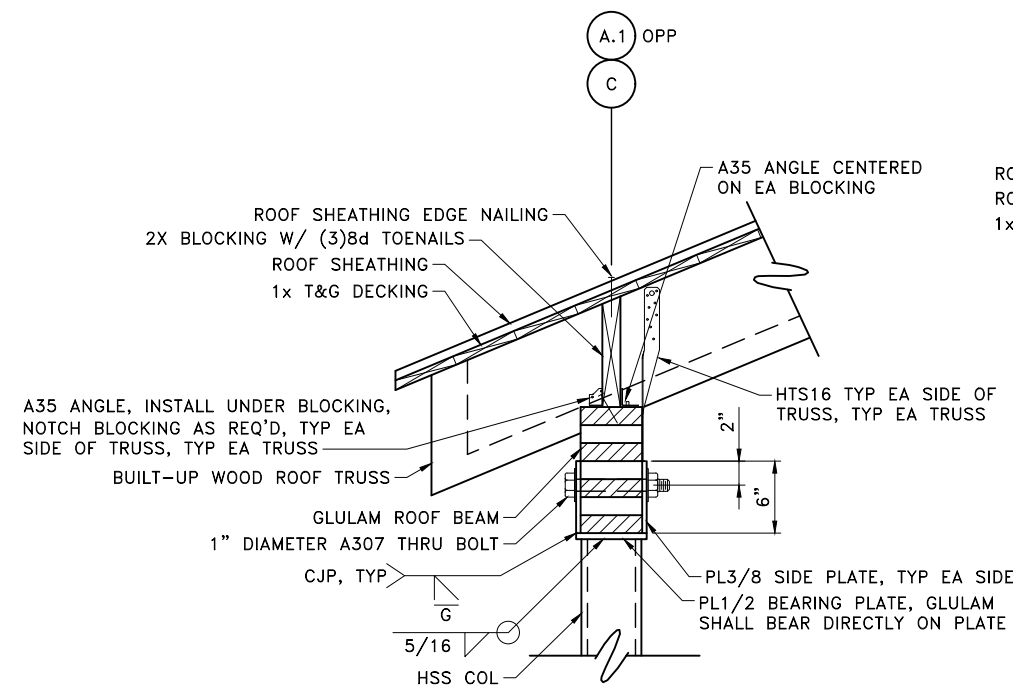
SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE		S05.04
BUILDING DETAILS 2		SHEET 94 OF 119 SHEETS



TRUSS ELEVATION

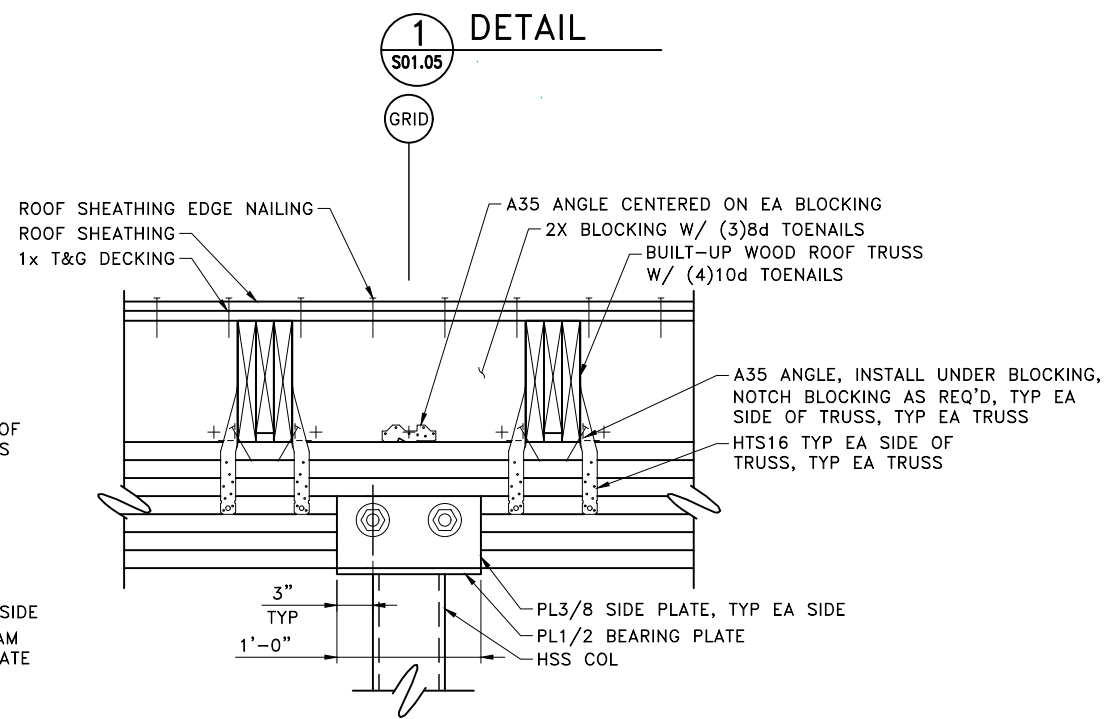


TRUSS SECTION



SECTION

2 DETAIL  
S01.05



SIDE VIEW

1 DETAIL  
S01.05

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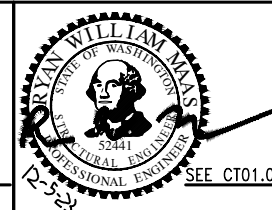
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DESIGNED BY: R. MAAS				
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ASST SECRETARY: P. RUBSTELLO				
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FED.AID  
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REGION NO. STATE  
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JOB NUMBER  
20W091

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SR20  
COUPEVILLE FERRY TERMINAL  
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CANOPY DETAILS 1



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OF  
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SHEETS



ELECTRICAL PLAN SYMBOLS

EQUIPMENT AND DEVICES

\$	SINGLE POLE TOGGLE SWITCH
\$&	SWITCH WITH SUBSCRIPT &. & CAN BE: 3 = 3-WAY TOGGLE SWITCH 4 = 4-WAY TOGGLE SWITCH b = TOGGLE SWITCH, SWITCH LEG B D = INTEGRAL 0-10V DIMMING DIAL O = INTEGRAL OCCUPANCY SENSOR V = INTEGRAL VACANCY SENSOR LC = LIGHTING CONTROLLER
▼	TELEPHONE OUTLET
▽	DATA OUTLET
▼	COMBINATION TELEPHONE/DATA OUTLET
✕ ▽	OUTLET (X EQUALS NO. OF JACKS)
JB or ⓐ	JUNCTION BOX (J-BOX)
↻	MOTOR CONNECTION
▢	PANEL OR CABINET
⊙	ENGINE GENERATOR
⊗	RECEPTACLE, 480V, 3 PHASE
⦿	GROUND ROD
⦿ <sub>T</sub>	GROUND TEST WELL
—	GROUND CABLE, 2'-6" (MIN) BELOW GRADE
30▢	NONFUSED DISCONNECT SWITCH. SIZE INDICATED, 3 POLE UNLESS OTHERWISE INDICATED.
60 40▢	FUSED DISCONNECT SWITCH. SIZE INDICATED, (60 = SWITCH RATING, 40 = FUSE RATING) 3 POLE UNLESS OTHERWISE INDICATED
60▢	CIRCUIT BREAKER DISCONNECT SIZE INDICATED, (60AMP TRIP) 3-POLE UNLESS OTHERWISE INDICATED.
1⊠	COMBINATION MAGNETIC STARTER, NEMA SIZE INDICATED, 3 POLE UNLESS OTHERWISE INDICATED.
⓪	THERMOSTAT
▢	TRANSFORMER (PLAN)
▣	VAULT, UTILITY VAULT
▢	HORN
⊠	TYPE 1 JUNCTION BOX PER STANDARD PLANS
▣	TYPE 2 JUNCTION BOX PER STANDARD PLANS
▢	TYPE 8 JUNCTION BOX PER STANDARD PLANS
xx-xxx xxx	= EQUIP TAG = EQUIP RATING (HP OR WATT)
⊕	FIRST RESPONDER RADIO ENHANCEMENT ANTENNA
⊕ <sub>S</sub>	PAGING SPEAKER
⊕ <sub>S</sub>	WALL MOUNTED PAGING SPEAKER
PP	CONTROLLED RECEPTACLE POWER PACK (FOR ENERGY MANAGEMENT OR BUILDING AUTOMATION)

LIGHTING

	LIGHT FIXTURE DESIGNATION, SEE LIGHT FIXTURE SCHEDULE FOR TYPE "A" 310 WATTS
	SURFACE LIGHT FIXTURE ON EMERGENCY POWER TO SCALE ON DRAWINGS
	SURFACE MOUNT LIGHT FIXTURE TO SCALE ON DRAWINGS
	RECESSED LIGHT FIXTURE ON EMERGENCY POWER TO SCALE ON DRAWINGS
	RECESSED OR LINEAR LIGHT FIXTURE TO SCALE ON DRAWINGS
	NL = NIGHT LIGHT. UNSWITCHED LIGHT OR ONE OR MORE UNSWITCHED LAMPS AS NOTED.
	7b = FED BY CIRCUIT #7, SWITCH LEG B.
	STRIPLIGHT LUMINAIRE
	LINEAR WALL MOUNTED LUMINAIRE
	LIGHT FIXTURE
	LIGHT FIXTURE ON EMERGENCY POWER
	EMERGENCY LIGHTING UNIT
	EXIT SIGN, SURFACE OR CEILING MOUNTED, SINGLE FACE WITH DIRECTIONAL ARROWS AS INDICATED.
	EXIT SIGN, SURFACE OR CEILING MOUNTED, DOUBLE FACE WITH DIRECTIONAL ARROWS AS INDICATED.
	EXIT SIGN, WALL MOUNTED, SINGLE FACE WITH DIRECTIONAL ARROWS AS INDICATED.
	WALL MOUNTED LIGHT FIXTURE
	LIGHT POLE
	WALL WASHER
	IN-GRADE UPLIGHT LUMINAIRE
	PULL BOX PER STANDARD PLANS
	BOLLARD TYPE SITE LIGHTING
	PHOTOCELL

RECEPTACLES

	DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE, GF1=GROUND FAULT INTERRUPTER PROTECTED
	DUPLEX RECEPTACLE, WP = WEATHERPROOF COVER
	SIMPLEX RECEPTACLE
	4-PLEX RECEPTACLE
	SURGE PROTECTIVE DUPLEX RECEPTACLE
	WEATHER RESISTANT DUPLEX RECEPTACLE
	WEATHER PROOF COVER
	CONTROLLED RECEPTACLE

RACEWAY/CIRCUIT DESIGNATIONS

	CONDUIT/CIRCUIT TAG, SEE CONDUIT AND CABLE SCHEDULE
	CONDUIT: TICS DENOTE QUANTITY OF WIRES, LONG = NEUTRAL, CROSS TIC = GROUND, MIN 3/4"C, #12 AWG UNLESS NOTED OTHERWISE, ARROW = HOMERUN, L1/3,5 = PANEL/CIRCUIT
	LB, LR, OR LL TYPE CONDUIT BODY TURNING AWAY FROM VIEWER
	LB, LR, OR LL TYPE CONDUIT BODY TURNING TOWARDS VIEWER
	LB, LR, OR LL TYPE CONDUIT BODY
	T TYPE CONDUIT BODY
	FLEXIBLE CORD OR CABLE
	HT= HEAT TRACE
	OP= OVERHEAD POWER
	BP= BURIED POWER
	OC= OVERHEAD COMMUNICATIONS OR CONTROL
	BC= BURIED COMMUNICATIONS OR CONTROL
	HEAVY SOLID LINES INDICATE NEW CONDUIT MATERIAL AND EQUIPMENT THAT IS EXPOSED
	SCREENED SOLID LINES INDICATE EXISTING CONDUIT MATERIAL AND EQUIPMENT THAT IS EXPOSED
	HEAVY DASHED LINES INDICATE NEW CONDUIT MATERIAL AND EQUIPMENT THAT IS HIDDEN FROM VIEW
	SCREENED DASHED LINES INDICATE EXISTING CONDUIT MATERIAL AND EQUIPMENT THAT IS HIDDEN FROM VIEW
	CONTINUOUS HATCHING INDICATES ITEMS TO BE REMOVED

FIRE ALARM DEVICES

	UNDERGROUND COMMUNICATIONS
	FIRE ALARM HORN/STROBE
	FIRE ALARM CONTROL PANEL
	FIRE ALARM TERMINAL CABINET
	AMPLIFIER RACK
	BATTERY CABINET
	ELEVATOR STATUS/RECALL
	PRE-ACTION SYSTEM/CONTROL UNIT
	FIRE ALARM ANNUNCIATOR
	END OF LINE DEVICE - RESISTOR
	FIRE SMOKE DAMPER
	FIRE ALARM STROBE
	DUST COLLECTOR CONTROL PANEL
	DUST COLLECTOR CONTROL PANEL
	ADDRESSABLE OUTPUT CONTROL MODULE
	ADDRESSABLE INPUT MONITOR MODULE
	ADDRESSABLE INPUT/OUTPUT MODULE # DENOTES NUMBER OF INPUTS AND OUTPUTS
	SMOKE DETECTOR/SENSOR - BASIC SHAPE ORIENTATION NOT TO BE CHANGED
	HEAT DETECTOR/SENSOR - (THERMAL DETECTION) ORIENTATION NOT TO BE CHANGED
	REMOTE ALARM INDICATING AND TEST SWITCH
	FIRE SERVICE OR EMERGENCY PHONE STATION - BASIC SHAPE
	COMBINATION SPEAKER/VISIBLE - CEILING MOUNT CD= CANDELA RATING/SETTING W= WATTAGE
	FLOW SWITCH
	PRESSURE SWITCH
	TAMPER SWITCH
	PULL STATION

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DGN ENGR MNGR: C. CHEN					CONTRACT NO.
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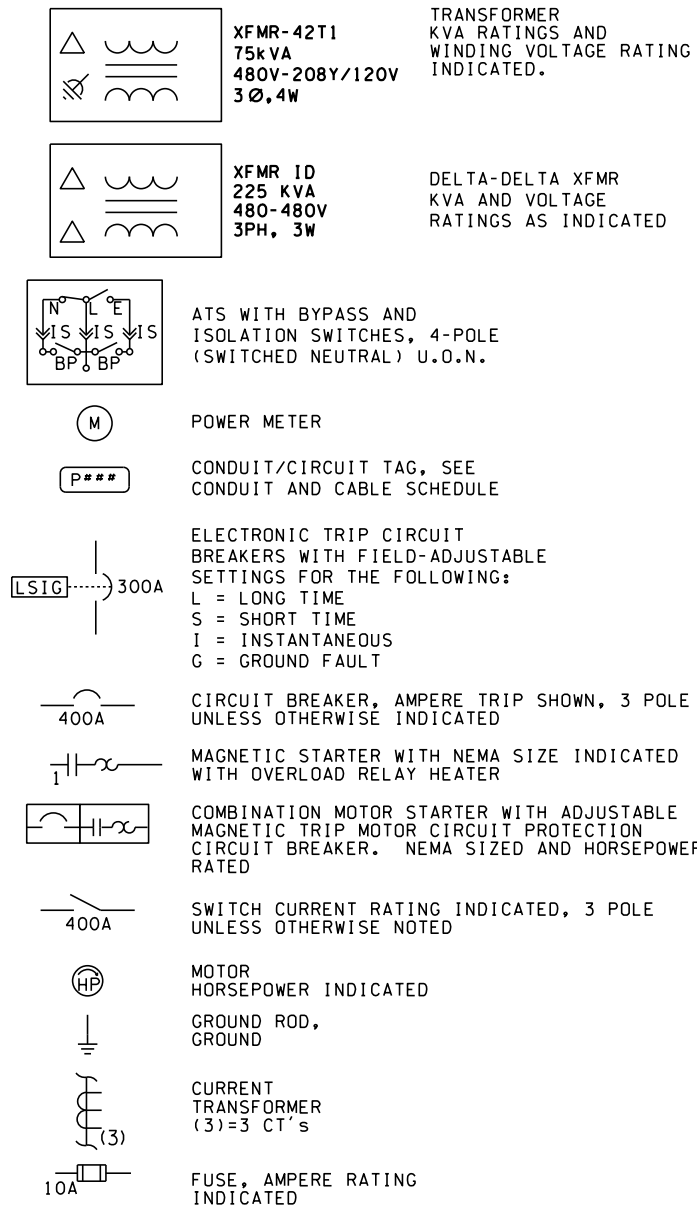
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COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE

ELECTRICAL SYMBOLS I

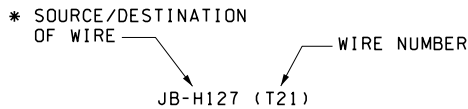
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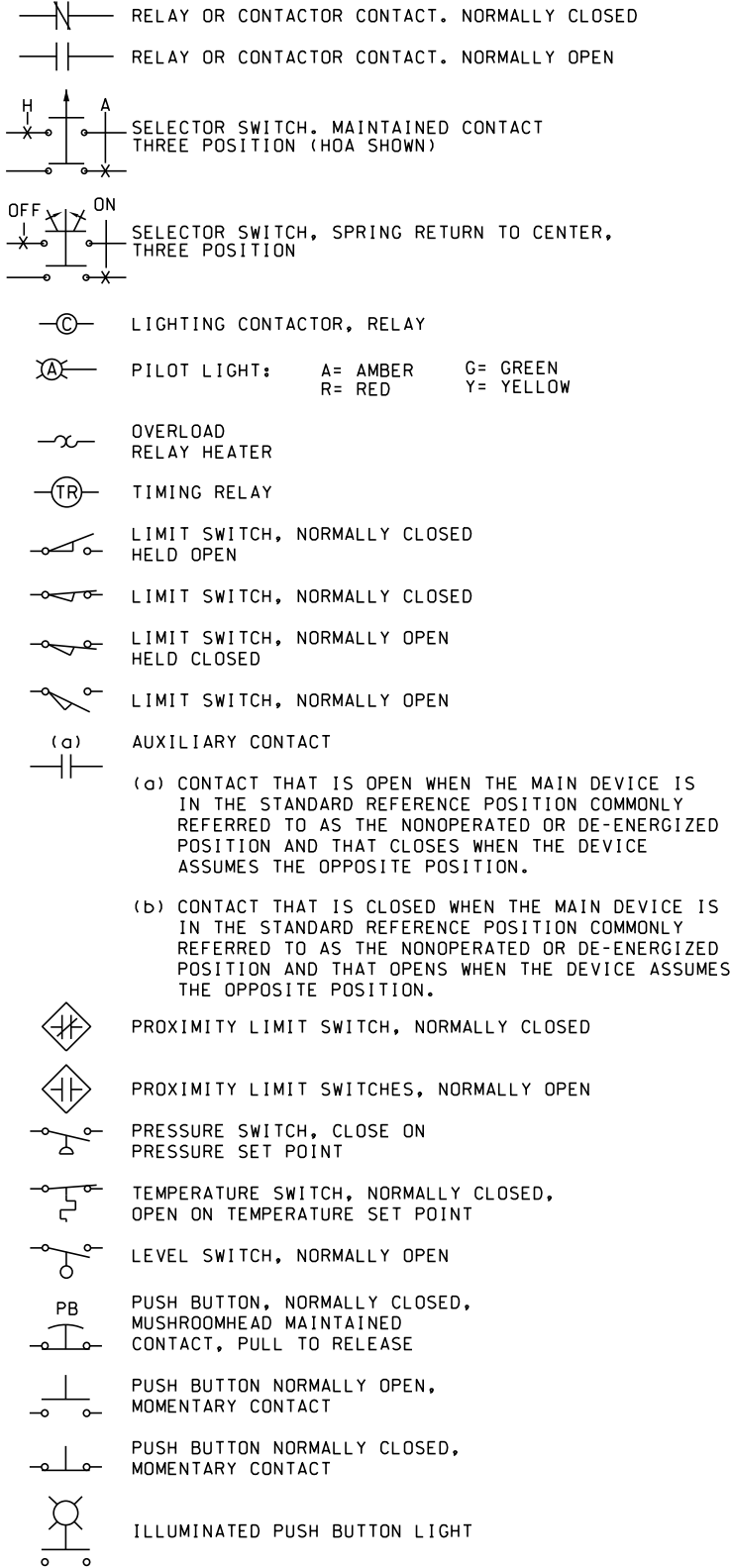


WIRE LABELING

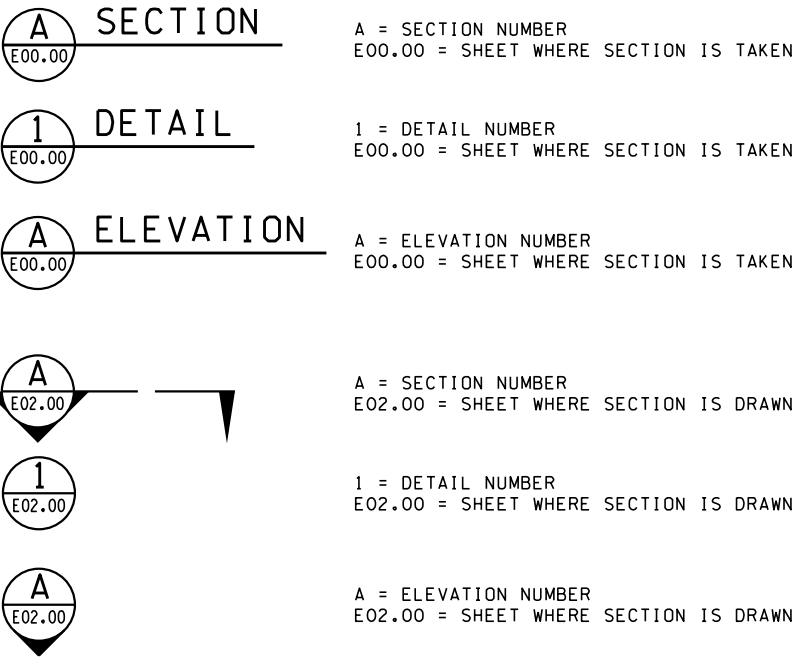
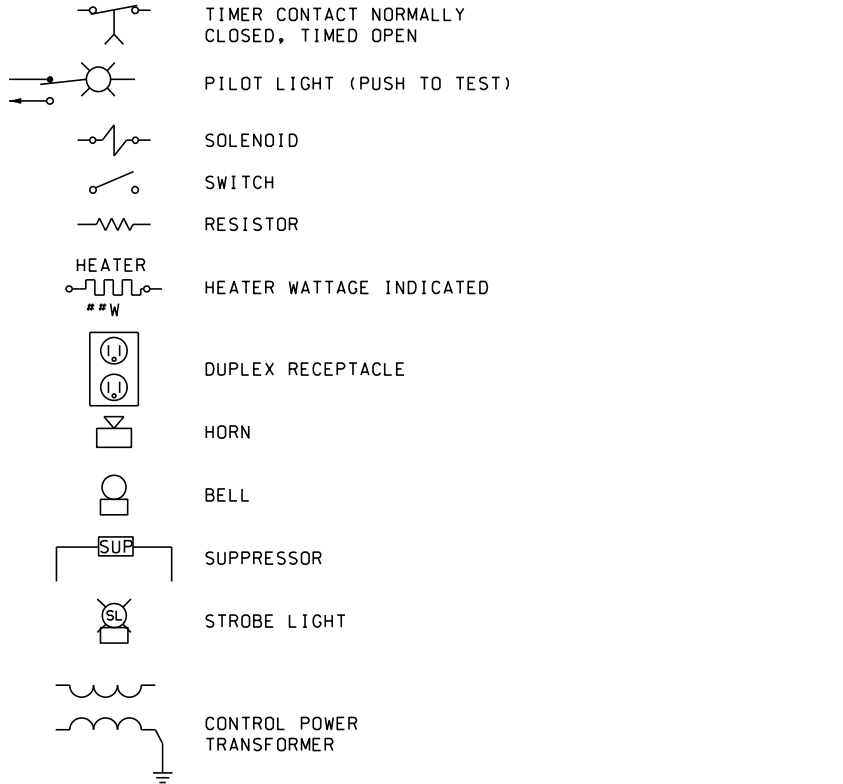


\* THE SOURCE OR DESTINATION OF THE WIRE IS THE  
NEXT DEVICE THAT PROVIDES A TERMINAL FOR  
THIS WIRE.

SCHEMATIC DIAGRAM SYMBOLS



SCHEMATIC DIAGRAM SYMBOLS (CONTINUED)



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DGN ENGR MNGR: C. CHEN									
ASST SECRETARY: P. RUBSTELLO									
	REVISION	DATE	BY				Washington State Department of Transportation WASHINGTON STATE FERRIES		



GENERAL NOTES:

1. DIMENSIONS & SIZES SHOWN ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING CONDITIONS AS DEPICTED ON THESE PLANS INCLUDING QUANTITIES, LOCATIONS, RATINGS, AND FUNCTION OF EXISTING EQUIPMENT, CONDUIT, AND WIRE. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND SHALL ASSUME FULL RESPONSIBILITY FOR MEASURED QUANTITIES.
3. THE CONTRACTOR SHALL COORDINATE POWER, CONTROL, AND COMMUNICATIONS SYSTEMS SHUTDOWN WITH THE ENGINEER TO MINIMIZE DISRUPTION OF NORMAL FACILITY OPERATION.
4. CONDUIT AND WIRE NOTED FOR DEMOLITION SHALL BE REMOVED FROM THEIR POINT OF BEGINNING TO WHERE THEY TERMINATE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL ABANDONED WIRING ENCOUNTERED.
5. EQUIPMENT DIMENSIONS AND CONFIGURATION SHOWN ARE APPROXIMATE. ACTUAL SIZE AND LAYOUT SHALL BE PER THE ENGINEER APPROVED CONTRACTOR'S SHOP DRAWINGS.
6. CONTRACTOR IS RESPONSIBLE FOR ARRANGING AND PROVIDING TEMPORARY POWER AND LIGHTING FOR WORK AREAS.
7. PROVIDE CONDUIT TAGS FOR ALL EXISTING AND NEW CONDUITS INDICATED ON THE PLANS.
8. SIZE JUNCTION BOXES PER NEC 314.28 UNLESS SHOWN OTHERWISE ON PLANS.
9. ALL ELEMENTS SHOWN AS PARTIAL TONE ARE EXISTING.
10. IN ACCORDANCE WITH 8-20.1(3) OF THE WSDOT STANDARD SPECIFICATIONS, WORK FOR THE INSTALLATION OF THE AGENT'S OFFICE BUILDING, ELECTRICAL DISTRIBUTION SYSTEM IS SUBJECT TO APPROVAL OF LOCAL ELECTRICAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM. THE CONTRACTOR SHALL OBTAIN AN ELECTRICAL PERMIT AND SCHEDULE NECESSARY ELECTRICAL INSPECTIONS FOR THIS WORK WITH THE LOCAL ELECTRICAL AHJ. THE CONTRACTOR SHALL PROVIDE ADVANCED NOTICE TO THE ENGINEER OF THESE ACTIONS AND PROVIDE A COPY OF ALL CORRESPONDENCE INCLUDING OUTCOMES WITH THE AHJ. THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY, WHETHER PROVIDED IN THE PLANS AND SPECIFICATIONS OR NOT, TO OBTAIN ELECTRICAL INSPECTION APPROVAL FROM THE LOCAL ELECTRICAL AHJ.
11. POWER OUTAGES FOR SWITCHING POWER TO THE TOLL BOOTHS FROM PANEL P1-L TO PANEL UP SHALL BE LIMITED TO NIGHT TIME HOURS, AS APPROVED BY THE ENGINEER.
12. PRIOR TO ACCEPTANCE OF THE RELOCATED AGENT'S OFFICE BUILDING, THE CONTRACTOR SHALL REVIEW AND TEST ALL ELECTRICAL AND HVAC DEVICES, AND ELECTRICAL AND COMMUNICATION CIRCUITS TO VERIFY THEY ARE WORKING. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DEFICIENCIES.

CABLE & CONDUIT ABBREVIATIONS

2"C,10*12,2*12SP,*12G(C10)	2" CONDUIT, TYPE PER SPECIAL PROVISIONS; TEN #12 CONDUCTORS PLUS TWO SPARE #12'S AND A #12 GROUND CONDUCTOR, INSULATION TYPE PER SPECIAL PROVISIONS; "C10" CONDUIT LABEL.
1½"C(C100)	1½" CONDUIT, TYPE PER SPECIAL PROVISIONS; SEE ONE-LINES OR PLANS FOR ENCLOSED CABLE AND WIRE INFORMATION; "C100" CONDUIT LABEL.
¾"EC (F10)	¾" EMPTY CONDUIT WITH PULL STRING, TYPE PER SPECIAL PROVISIONS; "F10" CONDUIT LABEL.
1"LFMC(H10)	1" LIQUIDTIGHT FLEXIBLE METAL CONDUIT, SEE ONE-LINES OR PLANS FOR ENCLOSED CABLE AND WIRE INFORMATION; "H10" CONDUIT LABEL. (LFMC, EC = EMPTY LIQUIDTIGHT FLEXIBLE METAL CONDUIT)
24/C#12(10)	MULTICONDUCTOR CABLE. TWENTY-FOUR CONDUCTORS, SIZE #12; "10" CABLE LABEL.

ABBREVIATIONS

A, AMP(S)	AMPERE(S)
AB	ALLEN-BRADLEY
AF	AMPERE FRAME
AFF	ABOVE FINISH FLOOR
AG	AUXILIARY GUTTER
AHJ	AUTHORITY HAVING JURISDICTION
AIC	AMPERES INTERRUPTING CAPACITY
ALRM	ALARM
ANN, ANNC	ANNUNCIATOR
APPROX	APPROXIMATELY
AT	AMPERE TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
BKR	BREAKER
BLDG	BUILDING
BOM	BILL OF MATERIALS
C	CONDUIT, CONDUCTOR
CAB	CABINET
CAT	CATALOG
CB	CIRCUIT BREAKER
¢	CENTERLINE
CDF	CONTROLLED DENSITY FILL
CKT	CIRCUIT
CO	CONDUIT ONLY
COMB	COMBINATION
COMM	COMMUNICATION
CP	CONTROL PANEL
CPT	CONTROL POWER TRANSFORMER
CPU	CENTRAL PROCESSING UNIT
CR	CONTROL RELAY
CS	CONTROL STATION
CT	CURRENT TRANSFORMER
CTRL	CONTROL
CU	COPPER
DC	DIRECT CURRENT
DIA	DIAMETER
DIST	DISTRIBUTION
DN	DOWN
DS	DISCONNECT SWITCH
DWG	DRAWING
E	EAST
EC	EMPTY CONDUIT
EG	ENGINE GENERATOR
EGC	EQUIPMENT GROUND CONDUCTOR
ELEC, ELECT	ELECTRICAL
EMT	ELECTRICAL METALLIC TUBING
ENC	ENCLOSED
EQUIP	EQUIPMENT
EXIST, EX.	EXISTING
EW	ELECTRIC WATER COOLER
FC, FLEX	FLEXIBLE CONDUIT
FDR	FEEDER
FLC	FLUORESCENT, COMPACT
FT	FEET
FS	FLOAT SWITCH
FU, F	FUSE
FVR	FULL VOLTAGE REVERSING
FVNR	FULL VOLTAGE NON-REVERSING
FWD	FORWARD
G, GND	GROUND
GA	GAUGE
GALV	GALVANIZED
GEN	GENERATOR
GFI	GROUND FAULT INTERRUPTER
GL	GREEN LIGHT
GWB	GYPSUM WALL BOARD
HF	HEADFRAME
HGR	HANGER
HH	HANDHOLE
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTO
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HPU	HYDRAULIC POWER UNIT
HT	HEAT TRACE
HYD	HYDRAULIC
HPU	HYDRAULIC POWER UNIT
IC	INTERRUPTING CAPACITY
ID	INSIDE DIAMETER
IMC	INTERMEDIATE METAL CONDUIT
IR	INFRARED
J, JB, J-BOX	JUNCTION BOX
JS	JOYSTICK
Kcmil, KCM	THOUSAND CIRCULAR MILLS
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KVAR	KILOVAR(S)
KW	KILOWATT
L	LEFT
LC	LIGHTING CONTACTOR
LCC	LINE CONTROL CABINET
LFC	LIQUIDTIGHT FLEXIBLE CONDUIT
LFMC	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
LOC'D	LOCATED
LT	LIGHT
LS	LIMIT SWITCH
M	MAGNETIC CONTACTOR COILS, METERS, MOTOR
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCR	MASTER CONTROL RELAY
MGMT	MANAGEMENT
MH	METAL HALIDE; MANHOLE
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MM, mm	MILLIMETER(S)
MPZ	MINI POWER ZONE
MS	MOTOR STARTER
MTR	MOTOR
MTS	MANUAL TRANSFER SWITCH
N	NORTH
NCHO	NORMALLY CLOSED HELD OPEN
NEC	NATIONAL ELECTRICAL CODE
NEUT	NEUTRAL
NOHC	NORMALLY OPEN HELD CLOSED
NP	NAMEPLATE
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OP	OVERHEAD POWER
P	POLE
PA	PUBLIC ADDRESS
PB	PUSHBUTTON
PE, PC	PHOTOELECTRIC SENSOR (PHOTOCELL)
PH	PHASE
PL OR P	PLATE
PLC	PROGRAMMABLE LOGIC CONTROLLER
PNL	PANEL

POS	POINT OF SALE
PR	PAIR
PROX	PROXIMITY
PS	PRESSURE SWITCH
PSE	PUGET SOUND ENERGY
PT	POTENTIAL TRANSFORMER
PTT	PRESSURE TRANSDUCER
PVC	PUSH TO TEST
PWR	POLYVINYL CHLORIDE CONDUIT POWER
R	RELAY, RIGHT
RECPT, RCPT	RECEPTACLE
REQ'D	REQUIRED
RGS	RIGID GALVANIZED STEEL CONDUIT
RGSP	RIGID GALVANIZED STEEL, PVC COATED CONDUIT
RI	REMOTE INDICATOR
RL	RED LIGHT
RM	ROOM
S	SOUTH
(S)	SHIELDED
SF	SUPPLY FAN
SHT	SHEET
SOL	SOLENOID
SP	SPARE
SOD	SQUARE D
SS	SELECTOR SWITCH
SST, SS	STAINLESS STEEL
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TDR	TIME DELAY RELAY
TEL	TELEPHONE
TL	TWISTLOCK
TS	TEMPERATURE SWITCH,TOGGLE SWITCH
TSP	TWISTED SHIELDED PAIR
TST	TWISTED SHIELDED TRIAD
TTB	TELEPHONE TERMINAL BOARD
TYP	TYPICAL
UG	UNDERGROUND
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORIES, INC.
UNO	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UV	UTILITY VAULT
V	VOLTS
W	WATTS, WIRE
W/	WITH
WP	WEATHERPROOF
XFMR	TRANSFORMER

SR20  
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ELECTRICAL ABBREVIATIONS  
AND NOTES

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SHEET

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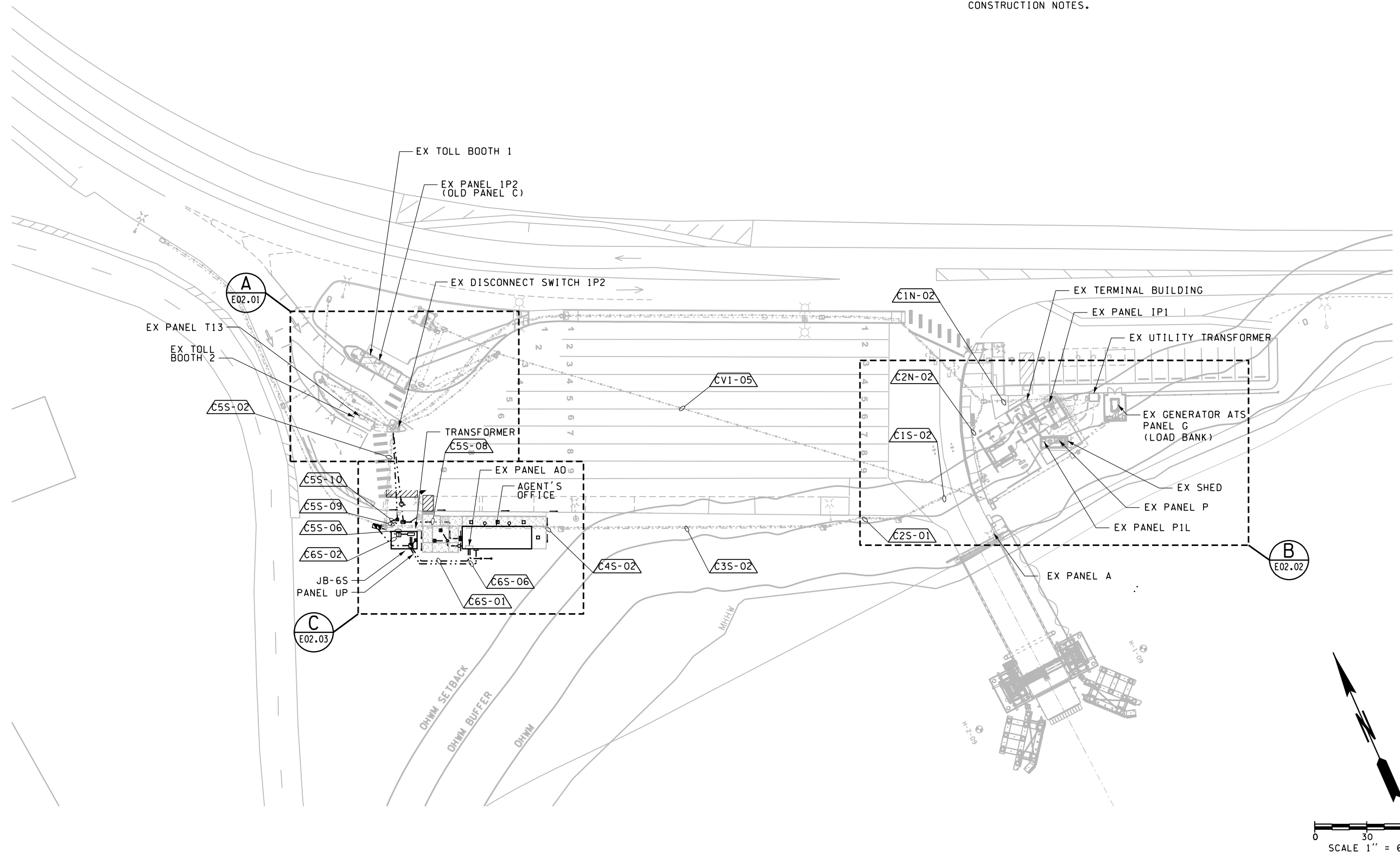


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1. SEE E01 SERIES SHEETS FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND NOTES.
2. SEE SHEET E03.02 FOR CONDUIT SCHEDULE AND CONSTRUCTION NOTES.



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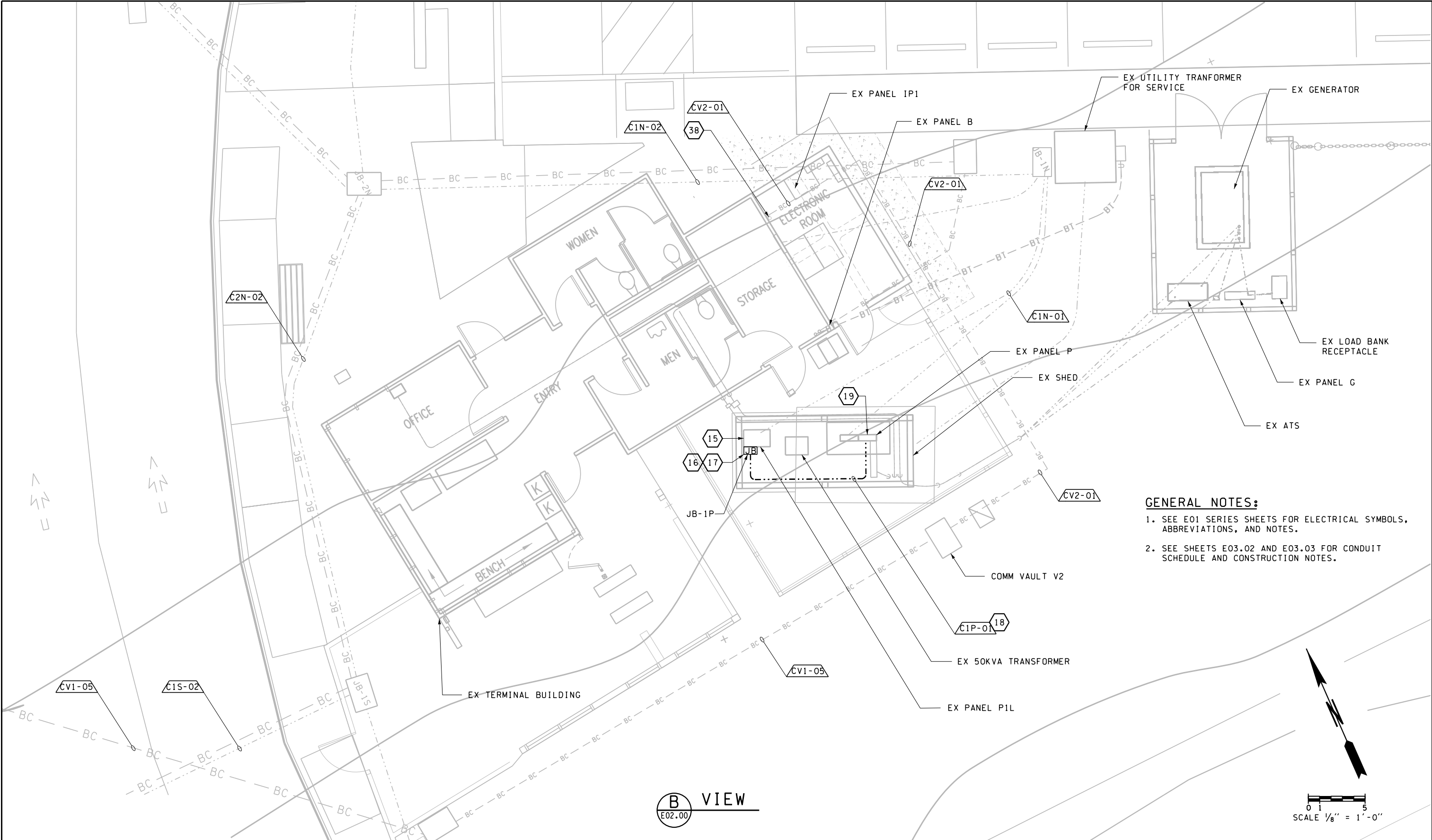
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WASHINGTON STATE FERRIES

SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
ELECTRICAL SITE PLAN

E02.00

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SHEETS





- GENERAL NOTES:**
- 1. SEE E01 SERIES SHEETS FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND NOTES.
  - 2. SEE SHEETS E03.02 AND E03.03 FOR CONDUIT SCHEDULE AND CONSTRUCTION NOTES.

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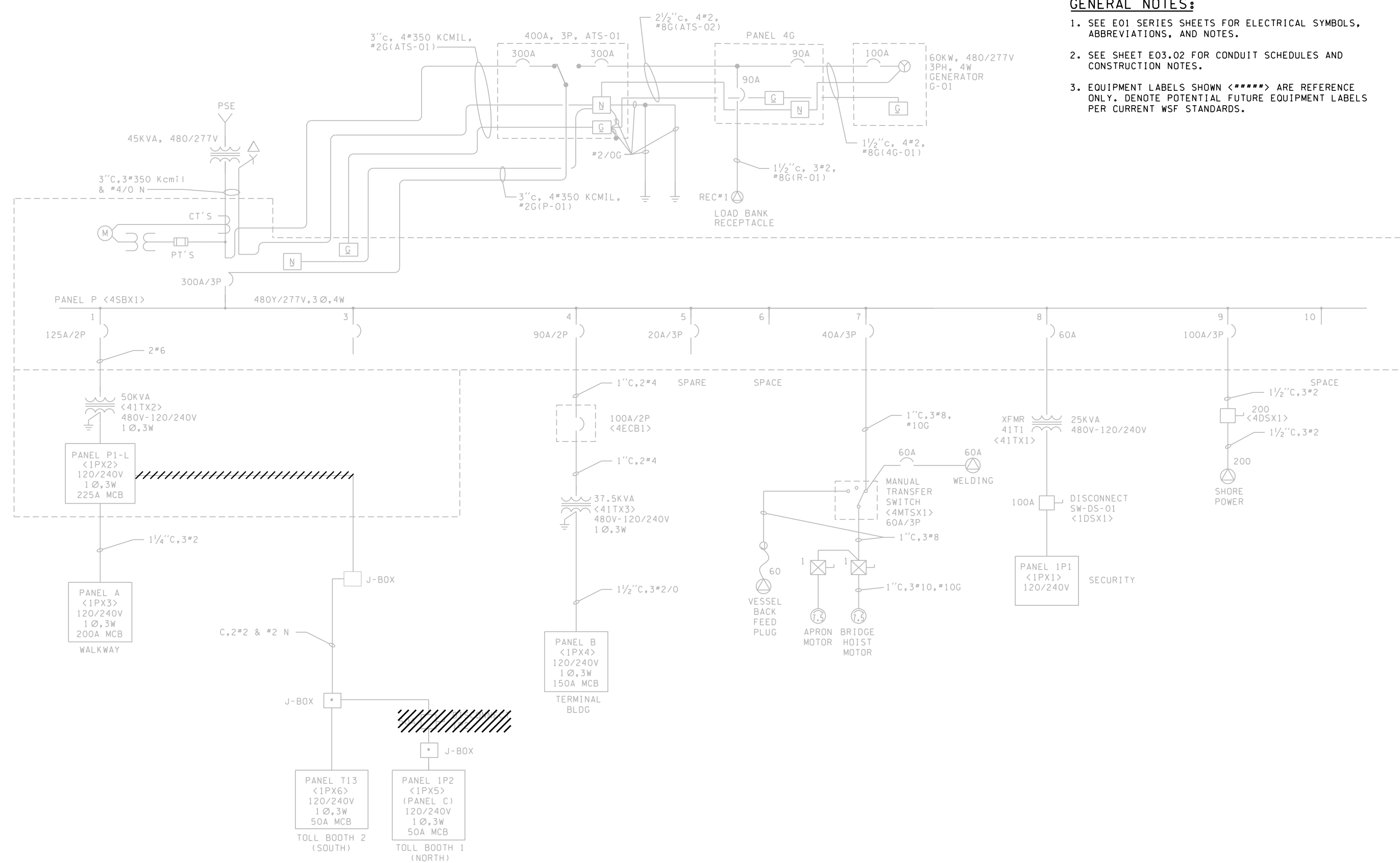
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TERMINAL BUILDING SITE PLAN			SHEET
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		119	
		SHEETS	



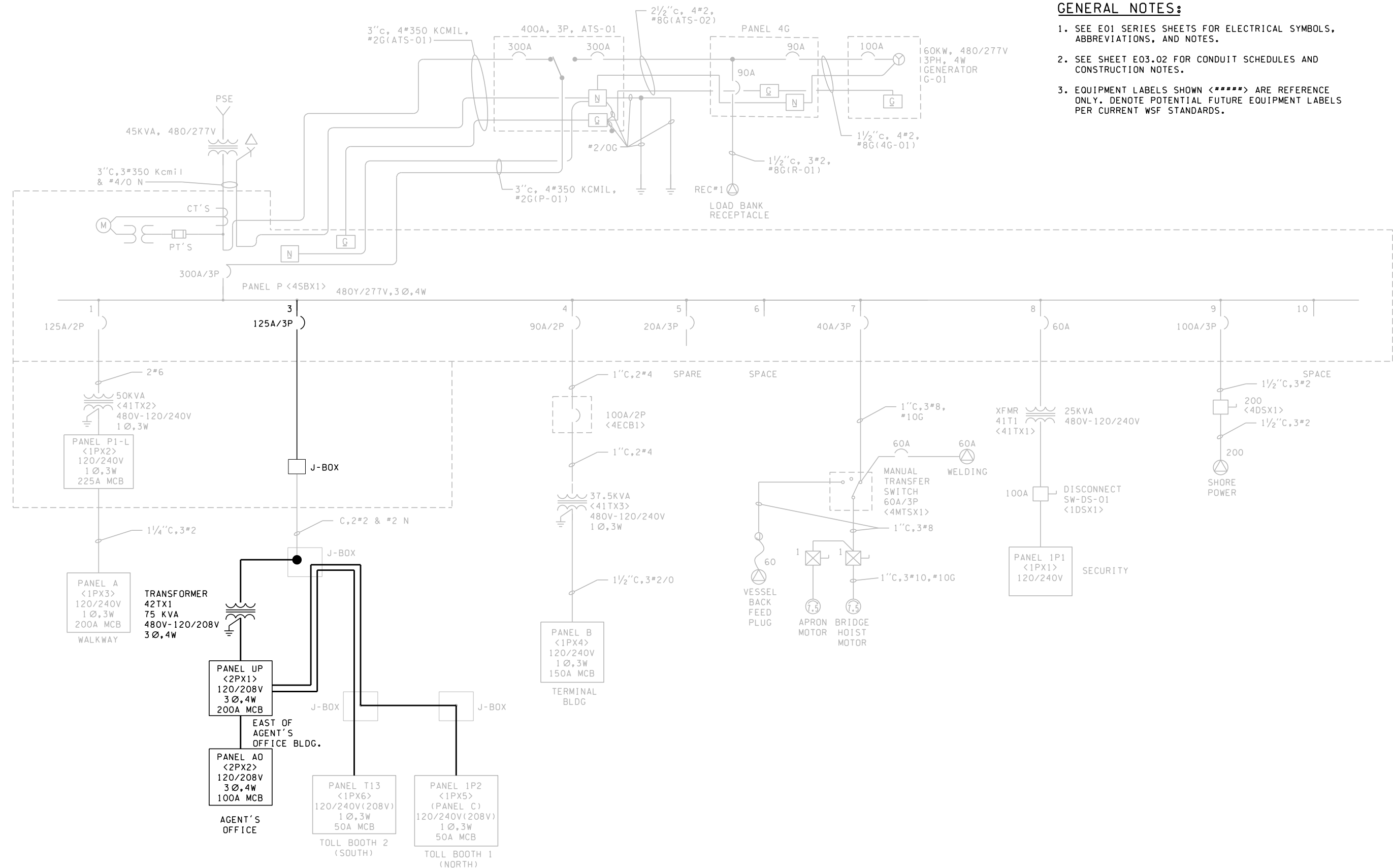




- GENERAL NOTES:**
- 1. SEE E01 SERIES SHEETS FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND NOTES.
  - 2. SEE SHEET E03.02 FOR CONDUIT SCHEDULES AND CONSTRUCTION NOTES.
  - 3. EQUIPMENT LABELS SHOWN <\*\*\*\*\*> ARE REFERENCE ONLY. DENOTE POTENTIAL FUTURE EQUIPMENT LABELS PER CURRENT WSF STANDARDS.

FILE NAME: WSF\COUPEVILLE\CoupevilleAgentOffice\CADD\ContractPlans\100pct\Elect\ 20w091e03.00-oneLine.DEMO.dlv								SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE	E03.00
PRINTED: 1:40:30 PM 12/4/2023	LAST PRINTED BY:								
SUBMITTAL DATE: 04/28/2023	morin					*- WA - ***	REGION NO. STATE 10 WASH	ELECTRICAL ONE-LINE DEMOLITION DIAGRAM	SHEET 104 OF 119 SHEETS
DESIGNED BY: J. SIMS	12/4/2023								
ENTERED BY: M. MORIN	12/4/2023								
CHECKED BY: K. BROCK	12/4/2023								
MAR PROJ ENGR: L. LU	12/4/2023					JOB NUMBER 20W011			
DGN ENGR MNGR: C. CHEN						CONTRACT NO. 00*****			
ASST SECRETARY: P. RUBSTELLO		REVISION	DATE	BY					





**GENERAL NOTES:**

1. SEE E01 SERIES SHEETS FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND NOTES.
2. SEE SHEET E03.02 FOR CONDUIT SCHEDULES AND CONSTRUCTION NOTES.
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FILE NAME: W:\COUPEVILLE\CoupevilleAgentOffice\CADD\ContractPlans\100pct\Elect\ 20w091e03.01-one line_PROPOSED.dlv					
PRINTED: 1:40:33 PM 12/4/2023	LAST PRINTED BY: morin				FED.AID PROJ.NO.
SUBMITTAL DATE: 04/28/2023					*- WA - **
DESIGNED BY: J. SIMS	12/4/2023				REGION NO. STATE
ENTERED BY: M. MORIN	12/4/2023				10 WASH
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DGN ENGR MNGR: B. CHEN					CONTRACT NO.
ASST SECRETARY: P. RUBSTELLO					00*****
	REVISION	DATE	BY		



SEE CT01.00



**Washington State**  
**Department of Transportation**  
WASHINGTON STATE FERRIES

SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
ELECTRICAL ONE-LINE DIAGRAM

E03.01  
SHEET  
105  
OF  
119  
SHEETS

CONSTRUCTION NOTES:

- 1

PRESERVE AND PROTECT EXISTING BURIED CONDUIT, AS NECESSARY, FOR BUILDING FOUNDATION IN ACCORDANCE WITH CONTRACT REQUIREMENTS. PROTECTION SHALL INCLUDE BUT BE LIMITED TO CDF, CASING OR BLOCK OUTS NECESSARY TO PROTECT CONDUITS. PROVIDE PROTECTION PLAN, TO THE ENGINEER, FOR APPROVAL PRIOR TO INSTALLATION.
- 2

PROVIDE AND INSTALL NEW FEEDER CONDUCTORS TO PANEL AO IN RELOCATED AGENTS OFFICE. EXTEND CONDUIT AND CONDUCTORS TO PANEL AO PER CONDUIT SCHEDULE.
- 3

INTERCEPT EXISTING CONDUCTORS FEEDING EX SITING TOLL BOOTHS. SPLICE CONDUCTORS TO NEW CONDUCTORS FEEDING PANEL UP. SEE CONDUIT SCHEDULE.
- 4

PROVIDE AND INSTALL 75 KVA, 3 PHASE, STAINLESS STEEL, ENCAPSULATED TRANSFORMER ON CONCRETE PAD, SEE SHEET ED10.00. THE TRANSFORMER SHALL BE 480 TO 208/120V. THE TRANSFORMER FOUNDATION SHALL BE INSTALLED IN ACCORDANCE WITH DETAIL ON SHEET ED10.01 AND APPLICABLE REQUIREMENTS OF WSDOT STANDARD PLAN J-10.10-04.
- 5

PROVIDE AND INSTALL 225 AMP, 208/120V PANEL UP, IN STAINLESS STEEL CABINET ON CONCRETE PAD. SEE SHEET E04.01 FOR PANEL SCHEDULE. THE FOUNDATION SHALL BE INSTALLED IN ACCORDANCE WITH DETAIL ON SHEET ED10.01 AND APPLICABLE REQUIREMENTS OF WSDOT STANDARD PLAN J-10.10-04.
- 6

DISCONNECT AND REMOVE EXISTING CONDUCTORS FEEDING EXISTING PANEL 1P2 (OLD PANEL C) PER CONDUIT SCHEDULE.
- 7

PROVIDE AND INSTALL NEW FEEDER CONDUCTORS TO EXISTING PANEL 1P2 (OLD PANEL C). EXTEND CONDUIT AND CONDUCTORS TO EXISTING PANEL 1P2 (OLD PANEL C) PER CONDUIT SCHEDULE.
- 8

DISCONNECT AND REMOVE EXISTING CONDUCTORS FEEDING EXISTING PANEL T13 PER CONDUIT SCHEDULE.
- 9

PROVIDE AND INSTALL NEW FEEDER CONDUCTORS TO EXISTING PANEL T13 EXTEND CONDUIT AND CONDUCTOR TO EXISTING PANEL T13 PER CONDUIT SCHEDULE.
- 10

REMOVE EXISTING DATA JACK(S) AND CABLING BACK TO EXISTING COMMUNICATION RACK. REPAIR ANY DAMAGE CAUSED BY REMOVAL IN ACCORDANCE WITH CONTRACT.
- 11

REMOVE EXISTING CONDUCTORS FEEDING EXISTING PANEL 1P2 (OLD PANEL C). PROVIDE AND INSTALL NEW CONDUCTORS TO FEED EXISTING PANEL 1P2 (OLD PANEL C). SEE CONDUIT SCHEDULE.
- 12

REMOVE EXISTING CONDUCTORS EXISTING FEEDING PANEL T13. PROVIDE AND INSTALL NEW CONDUCTORS TO FEED EXISTING PANEL T13. SEE CONDUIT SCHEDULE.
- 13

REMOVE EXISTING CONDUCTORS FEEDING EXISTING PANEL T13 AND EXISTING PANEL 1P2 (OLD PANEL C).
- 14

REMOVE EXISTING DISCONNECT SWITCH 1P2.
- 15

DISCONNECT AND REMOVE EXISTING CONDUCTORS FEEDING TOLL BOOTHS PER CONDUIT SCHEDULE. REROUTE EXISTING CONDUCTORS TO NEW JUNCTION BOX INSTALLED ADJACENT TO EXISTING PANEL P1-L. SEE EXISTING PANEL P1-L SCHEDULE SHEET E04.00.
- 16

PROVIDE AND INSTALL NEW 12"x12"x4" MIN. NEMA 4X JUNCTION BOX ON THE BACKSIDE OF EXISTING PANEL P1-L. PROVIDE AND INSTALL 3" CONDUIT NIPPLE BETWEEN EXISTING PANEL P1-L AND THE NEW JUNCTION BOX.
- 17

INTERCEPT EXISTING CONDUCTORS FEEDING EXISTING TOLL BOOTHS. SPLICE EXISTING CONDUCTORS TO NEW CONDUCTORS FROM EXISTING PANEL P TO FEED PANEL UP. SEE CONDUIT SCHEDULE.
- 18

PROVIDE AND INSTALL NEW CONDUIT AND CONDUCTORS BETWEEN EXISTING PANEL P AND THE NEW JUNCTION BOX ON EXISTING PANEL P1-L. ROUTE CONDUIT IN SHED USING CHANNEL AS APPROVED BY THE ENGINEER.
- 19

PROVIDE AND INSTALL 125 AMP, 3 POLE CIRCUIT BREAKER IN EXISTING PANEL P AS SHOWN ON PANEL ON SHEET E03.03. CONNECT NEW CONDUCTORS FEEDING PANEL UP TO CIRCUIT BREAKER.
- 20

DISCONNECT AND REMOVE WIRING TO EXISTING RECEPTACLE, FROM EXISTING RECEPTACLE TO EXISTING CONTROLLED RECEPTACLE POWER PACK. REPAIR ANY DAMAGE CAUSED BY REMOVAL IN ACCORDANCE WITH CONTRACT.
- 21

REMOVE EXISTING RECEPTACLE(S). REPAIR ANY DAMAGE CAUSED BY REMOVAL IN ACCORDANCE WITH CONTRACT.
- 22

REMOVE ANY EXISTING WIRING OR RACEWAY IN AREA OF WALL TO BE REMOVED. REPAIR ANY RACEWAY THAT SUPPORTS DEVICES THAT ARE TO REMAIN. REPLACE AND INSTALL ALL IMPACTED WIRING AND CABLES BETWEEN EXISTING DEVICES TO REMAIN AND THE EXISTING WIRING OR CABLING'S TERMINATION POINT.
- 23

REMOVE EXISTING LIGHT SWITCH. REPAIR ANY DAMAGE CAUSED BY REMOVAL IN ACCORDANCE WITH CONTRACT.
- 24

DISCONNECT AND REMOVE WIRING TO EXISTING LIGHT, FROM EXISTING LIGHT TO EXISTING LIGHT SWITCH. REPAIR ANY DAMAGE CAUSED BY REMOVAL IN ACCORDANCE WITH CONTRACT.
- 25

REMOVE EXISTING LIGHT FIXTURE AND SALVAGE FOR REINSTALLATION.
- 26

INSTALL SAVAGED LIGHT. REPAIR ANY DAMAGE CAUSED BY REMOVAL IN ACCORDANCE WITH CONTRACT
- 27

REMOVE EXISTING LIGHT. REPAIR ANY DAMAGE CAUSED BY REMOVAL IN ACCORDANCE WITH CONTRACT.

WIRING SCHEDULE					
RACEWAY NUMBER	FROM	TO	RACEWAY SIZE AND TYPE	CONDUCTOR/CABLE SIZE AND TYPE	DESCRIPTION AND NOTES
C1P-01	PANEL P	JB-1P	2-1/2" RGS	3-#2, 1-#6G USE	PANEL P, CKT. 10 FOR PANEL UP
C1N-01	PANEL P1-L	JB-1N	EX. 3"	EX.3-#2, 4-#8,3-#12, 2#-10SP	SWITCSWITCH EX. 3-#2 CONDUCTORS FROM PANEL P1-L FEEDING TOLL BOOTHS TO BEING FED FROM PANEL P FEEDING PANEL UP
C1N-02	JB-1N	JB-2N	EX. 3"	EX.3-#2, 4-#8,3-#12, 2#-10SP	SWITCSWITCH EX. 3-#2 CONDUCTORS FROM PANEL P1-L FEEDING TOLL BOOTHS TO BEING FED FROM PANEL P FEEDING PANEL UP
C1S-02	JB-1S	JB-2S	EX. 2-1/2"	EX.3-#2, 4-#8,3-#12, 2#-10SP	SWITCSWITCH EX. 3-#2 CONDUCTORS FROM PANEL P1-L FEEDING TOLL BOOTHS TO BEING FED FROM PANEL P FEEDING PANEL UP
C2N-02	JB-2N	JB-1S	EX. 3"	EX.3-#2, 4-#8,3-#12, 2#-10SP	SWITCH EX. 3-#2 CONDUCTORS FROM PANEL P1-L FEEDING TOLL BOOTHS TO BEING FED FROM PANEL P FEEDING PANEL UP
C2S-01	JB-2S	JB-3S	EX. 2-1/2"	EX.3-#2, 4-#8,3-#12, 2#-10SP	SWITCH EX. 3-#2 CONDUCTORS FROM PANEL P1-L FEEDING TOLL BOOTHS TO BEING FED FROM PANEL P FEEDING PANEL UP
C3S-02	JB-3S	JB-4S	EX. 2-1/2"	EX.3-#2, 4-#8,3-#12, 2#-10SP	SWITCH EX. 3-#2 CONDUCTORS FROM PANEL P1-L FEEDING TOLL BOOTHS TO BEING FED FROM PANEL P FEEDING PANEL UP
C4S-02	JB-4S	JB-5SP	EX. 2-1/2"	EX.3-#2, 4-#8,3-#12, 2#-10SP	SWITCH EX. 3-#2 CONDUCTORS FROM PANEL P1-L FEEDING TOLL BOOTHS TO BEING FED FROM PANEL P FEEDING PANEL UP
C5N-03	JB-5N	PANEL T13	EX. 1-1/2"	EX. 3-#2	REMOVE EX. 3-#2 CONDUCTORS FROM PANEL P1-L FEEDING TOLL BOOTH PANEL T13. REMOVE ANY OTHER ABANDONED CONDUCTORS.
				3-#6, 1-#10G	CKT UP 6,8 TO PANEL T13 TOLLBOOTH 2
C5N-11	JB-5N	JB-12N	EX. 1-1/2"	EX. 3-#6, 1#10G	REMOVE EX. 3-#6, 1-#10G CONDUCTORS FROM PANEL P1-L FEEDING TOLL BOOTH PANEL 1P2. REMOVE ANY OTHER ABANDONED CONDUCTORS.
				3-#6, 1-#10G	CKT UP 2,4 TO PANEL 1P2 TOLL BOOTH 1
C5N-15	JB-5N	DISCONNECT 1P2	EX. 1-1/2"	EX. 3-#6, 1-#10G	REMOVE EX. 6-#6 CONDUCTORS FROM PANEL P1-L FEEDING TOLL BOOTH PANEL 1P2. REMOVE ANY OTHER ABANDONED CONDUCTORS.
C5S-02	JB-5SP	JB-5N	EX. 2-1/2"	EX.3-#2, 4-#8,3-#12, 2#-10SP	REMOVE EX. 3-#2 CONDUCTORS FROM PANEL P1-L FEEDING TOLL BOOTHS. REMOVE ANY OTHER ABANDONED CONDUCTORS.
C5S-06	JB-5SP	TRANSFORMER	2-1/2" RGS	3-#2, 1-#6G USE	PANEL P, CKT. 10 FOR PANEL UP
C5S-07	TRANSFORMER	Panel UP	3" RGS	4-#3/0, 1-#4G USE	SECONDARY TO PANEL UP
C5S-08	PB-5S	EX. AO COMM JB	2" SCH 80, PVC	1-25TSP-#22	TWISTED PAIR COMMUNICATION CABLE FROM MDF ELECTRONICS ROOM TO IDF AGENTS OFFICE
				PULL STRING	PROVIDE AND INSTALL PULL STRING FOR 12 STRAND, SINGLE MODE, FIBER OPTIC CABLE FROM MDF ELECTRONICS ROOM TO IDF AGENTS OFFICE BY STATE FORCES
C5S-09	PB-5S	JB-5SC	2" SCH 80, PVC	PULL STRING	SPARE
C5S-10	JB-5SP	JB-5SPA	2" SCH 80, PVC	6-#6, 2-#8G USE	PANEL UP CKT 2,4 TO PANEL 1P2, TOLL BOOTH 1 AND PANEL UP CKT 6,8 TO PANEL T12, TOOL BOOTH 2
C5S-11	JB-5SPA	JB-5N	3" SCH 80. HDPE	6-#6, 2-#8G USE	PANEL UP CKT 2,4 TO PANEL 1P2, TOLL BOOTH 1 AND PANEL UP CKT 6,8 TO PANEL T12, TOOL BOOTH 2
C5S-12	JB-5N	PB-5S	2" SCH 80. HDPE	1-25TSP-#22	TWISTED PAIR COMMUNICATION CABLE FROM MDF ELECTRONICS ROOM TO IDF AGENTS OFFICE
				PULL STRING	PROVIDE AND INSTALL PULL STRING FOR 12 STRAND, SINGLE MODE, FIBER OPTIC CABLE FROM MDF ELECTRONICS ROOM TO IDF AGENTS OFFICE BY STATE FORCES
C5N-14	JB-11N	JB-5N	EX. 4"	1-25TSP-#22	TWISTED PAIR COMMUNICATION CABLE FROM MDF ELECTRONICS ROOM TO IDF AGENTS OFFICE
				PULL STRING	PROVIDE AND INSTALL PULL STRING FOR 12 STRAND, SINGLE MODE, FIBER OPTIC CABLE FROM MDF ELECTRONICS ROOM TO IDF AGENTS OFFICE BY STATE FORCES
C6S-01	JB-6S	PANELAO	2" RGS	4-#3, 1-#6G USE	PANEL UP, CKTS 1,2,3 TO PANELAO
C6S-02	JB-6S	JB-5SP	2-1/2" RGS	6-#6, 2-#8G USE	PANEL UP CKT 2,4 TO PANEL 1P2 TOLL BOOTH 1 AND PANEL UP CKT 6,8 TO PANEL T13 TOLLBOOTH 2
C6S-03	Panel UP	JB-6S	2" RGS	4-#3, 1-#6G USE	PANEL UP, CKTS 1,2,3 TO PANELAO
			2-1/2" RGS	6-#6, 2-#8G USE	PANEL UP CKT 2,4 TO PANEL 1P2 TOLL BOOTH 1 AND PANEL UP CKT 6,8 TO PANEL T13 TOLLBOOTH 2
			2" RGS	PULL STRING	SPARE

FILE NAME: WSF\COUPEVILLE\CoupevilleAgentOffice\CADD\ContractPlans\100pct\Elect\ 20w091e03_02- CONDUIT SCHEDULE AND CONSTRUCTION NO												<b>Washington State</b> <b>Department of Transportation</b> WASHINGTON STATE FERRIES	SR20 COUPEVILLE FERRY TERMINAL AGENT'S OFFICE		E03.02
PRINTED: 1:40:36 PM 12/4/2023	LAST PRINTED BY: morin					FED.AID PROJ.NO.			SHEET						
SUBMITTAL DATE: 04/28/2023						*- WA- **	REGION NO. STATE			106 OF					
DESIGNED BY: J. SIMS	12/4/2023					10 WASH				119 SHEETS					
ENTERED BY: M. MORIN	12/4/2023					JOB NUMBER 20W011									
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ASST SECRETARY: P. RUBSTELLO		REVISION	DATE	BY											

CONSTRUCTION NOTES (CONT'D):

- 28

PROVIDE AND INSTALL 12"x12"x4"MIN. STANINLESS STEEL, NEMA 4X JUNCTION BOX ON EXTERIOR BACK WALL OF AGENTS OFFICE, UNDER CANOPY FOR FUTURE SOLAR PANEL CONNECTION.
- 29

PROVIDE AND INSTALL SCONCE LIGHT FIXTURE ON SURFACE MOUNT JUNCTION BOX PER LIGHTING SCHEDULE FOR CONNCECTION TO CONDUIT FOR BOLLARD LIGHTS.
- 30

ROUTE CONDUIT FROM SURFACE MOUNTED SCONCE LIGHT JUNCTION BOX ON EXTERIOR WALL TO BELOW GRADE UNDER ADA RAMP TO SURFACE MOUNT JUNCTION BOX ON SIDE OF ADA RAMP.
- 31

ROUTE CONDUIT FROM JUNCTION BOX INTO JUNCTION BOX IN DESIGNATED SPACE FOR FUTURE SOLAR EQUIPMENT. CAP CONDUIT WITH END CAP.
- 32

REMOVE AND DISCARD EXISTING SPLIT POWER/COMMUNICATION JUNCTION AND PROVIDE AN INSTALL TWO WSDOT TYPE 2 JUNCTION BOXES, ONE POWER, ONE COMMINCATIONS PER STANDARD PLAN. ADJUST POWER AND COMMUNICATION CONDUIT FOR APPROTIAATE HEIGHT PER STANDARD PLAN. TO ACCOMPLISH THIS WORK THE CONTRACTOR WILL BE PERMITTED TO ADJUST THE GRADE AROUND THE JUNCTION BOX TO ACHIVE REQIURED LID HEIGHT OVER CONDUIT ENDS PROVIDED GRADE ADJUSTMENT IS LESS THAN A TEN TO ONE SLOPE AND EXSITNG GRASS IS RESTORED.
- 33

PROVIDE AND INSTALL 12"x12"x4"MIN. STANINLESS STEEL, NEMA 4X JUNCTION BOX SURFACE MOUNT ON SIDE OF ADA RAMP.
- 34

PROVIDE AND INSTALL WSDOT PULL BOX PER STANDARD PLAN.
- 35

PROVIDE AND INSTALL TYPE 2 JUNCTION BOX PER STANDARD PLAN
- 36

PROVIDE PROVISIONS FOR FUTURE SOLAR EQUIPMENT
- 37

PROVIDE AND INSTALL CONDUIT USING DIRECTIONAL BORING
- 38

PROVIDE AND INSTALL SURFACE MOUNT 12"x12"x4"MIN. STAINLESS STEEL, NEMA 4X JUNCTION BOX. ROUTE COMMUNICATION CABLES TO PATCH PANELS IN COMMUNICATION RACK. SEE SECURITY SHEETS AND SPECIAL PROVISIONS FOR ADDITIONAL DETAILS AND REQUIREMENTS
- 39

ROUTE CONDUIT TO POWER SECTION OF JUNCTION BOX JB-5N.
- 40

ROUTE CONDUIT TO COMMUNICATION SECTION OF JUNCTION BOX JB-5N.
- 41

RESTORE AND REPAIR DAMAGED ISLAND, PAVEMENT AND CURBING.
- 42

PROVIDE AND INSTALL TYPE 1 JUNCTION BOX PER STANDARD PLAN.
- 43

PROVIDE AND INSTALL RECEPTACLE 6 FEET ABOVE FLOOR FOR MONITOR.
- 44

PROVIDE AND INSTALL DATA JACK 6 FEET ABOVE FLOOR FOR MONITOR.
- 45

PROVIDE AND INSTALL RECEPTACLE FOR UNDER CABINET LIGHTING, COORDINATE RECEPTACLE HEIGHT AND LOCATAION WITH CABINET INSTALLER. LOCATION SHALL BE APPROVED BY THE ENGINEER. CABINET LIGHTS MAY BE HARDWIRED WITH APPROVAL OF THE ENGINEER.
- 46

REMOVE SIGN LIGHTING JUNCTION BOX AND ASSOCIATED WIRING.
- 47

PROVIDE AND INSTALL SERVICE GROUNDING ELECTRODE SYSTEM FOR TRANSFORMER 42TX1 AND PANEL UP IN ACCORDANCE WITH NEC ARTICLE 250.30. SEE SHEET ED10.01. GROUNDING ELECTRODE CONDUCTOR SHALL BE #2AWG MINIMUM.
- 48

PROVIDE AND INSTALL SERVICE OR SUPPLEMENTAL GROUNDING ELECTRODE SYSTEM PER NEC ARTICLE 250 AND THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICATION. PROVIDE AND INSTALL GROUNDING ELECTRODE CONDUCTOR BETWEEN PANEL AO AND BUILDING FOUNDATION STRUCTURAL STEEL. GROUNDING ELECTRODE CONDUCTOR SHALL BE #4 AWG MINIMUM.
- 49

PROVIDE AND INSTALL SUPPLEMENTAL GROUND RODS FOR PANEL AO INCLUDING CONDUIT, GROUDING ELECTRODE CONDUCTOR AND JUNCTION BOXES OR COVERED WELLS PER APPLICABLE PORTIONS OF STANDARD PLAN J-60.05-01
- 50

PROVIDE AND INSTALL SURFACE MOUNT 12"x12"x4"MIN. STAINLESS STEEL, NEMA 4X JUNCTION BOX.
- 51

PROVIDE AND INSTALL CHANNEL FOR MOUNTING CONDUIT TO CANOPY ROOF STRUCTURE.
- 52

PROVIDE AND INSTALL CEILING MOUNTED ILLUMINATED EXIT SIGN WITH EMERGENCY LIGHTS AND BATTERY BACKUP
- 53

PROVIDE AND INSTALL WALLMOUNT PHOTOCELL FOR OUTDOOR LIGHTING CIRCUIT. THE PHOTOCELL SHALL BE MANUFACTURED BY TYCO ELECTRONICS CORP. OR APPROVED EQUAL, AND MEET APPLICABLE REQUIREMENTS OF STANDARD SPECIFICATION 9-29.11(2). WIRE PHOTOCELL TO CONTRLOL OUTSIDE LIGHTS.
- 54

PROVIDE AND INSTALL COMMERCIAL OR INDUSTRIAL GRADE LIGHT SWITCH WITH OCCUPANCY/VACANCY SENSOR AND ADJUSTABLE TIME DELAY SETTINGS.
- 55

PROVIDE AND INSTALL COMMERCIAL OR INDUSTRIAL GRADE LIGHT SWITCH WITH 7 DAY, PROGRAMMABLE DIGITAL TIMER DELAY SETTINGS TO CONTROL PHOTOCELL CONTROLLED LIGHTS.

WIRING SCHEDULE (CONT'D)					
RACEWAY NUMBER	FROM	TO	RACEWAY SIZE AND TYPE	CONDUCTOR/CABLE SIZE AND TYPE	DESCRIPTION AND NOTES
C6S-04	Panel UP	JB-6S	2" RGS	PULL STRING	SPARE - FUTURE SOLAR SYSTEM
C6S-05	JB-7S	JB-6S	2" SCH 80 PVC	PULL STRING	SPARE-FUTURE SOLAR SYSTEM: STUB UP AND CAP CONDUIT IN IN JUNCTION BOX IN SPACE FOR FUTURE SOLAR EQUIP
C6S-06	JB-6S	JB-AOSOLAR	2" RGS	PULL STRING	SPARE-FUTURE SOLAR SYSTEM: ROUTE CONDUIT UP EXTERIOR OF BUILDING TO JUNCTION BOX UNDER ROOF OVERHANG
C6S-07	PANEL AO	GROUND RODS	3/4" RGS	1-#4G	GROUNDING ELECTRODE SYSTEM
C12N-01	JB-12N	PANEL 1P2	EX. 1-1/2"	EX. 3-#6, 1-#10G	REMOVE EX. 3-#6, 1-#10G CONDUCTORS FROM PANEL P1-L FEEDING TOLL BOOTH PANEL 1P2. REMOVE ANY OTHER ABANDONED CONDUCTORS.
				3-#6, 1-#10G	CKT UP 2,4 TO PANEL 1P2 TOLL BOOTH 1
CAO-01	LIGHTING CONTROLLER	OUTDOOR LIGHTING	1/2" RGS	2-#12, 1-#12G USE	OUTDOOR LIGHTING BOLLARDS CKT. AO-A16
CAO-02	LIGHTING CONTROLLER	OUTDOOR LIGHTING	3/4" RGS	2-#12, 1-#12G USE	OUTDOOR LIGHTING BOLLARDS CKT. AO-A16
CAO-03	PHOTOCELL	LIGHTING CONTROLLER	1/2" RGS	3-#14 XHHW	PHOTOCELL
CAO-04	LIGHTING CONTROLLER	OUTDOOR LIGHTING	3/4" RGS	2-#12, 1-#12G USE 3-#14 XHHW	OUTDOOR LIGHTING
CV1-04	COMM VAULT V1	JB-11N	EX. 4"	1-25TSP-#22	TWISTED PAIR COMMUNICATION CABLE FROM MDF ELECTRONICS ROOM TO IDF AGENTS OFFICE
				PULL STRING	PROVIDE AND INSTALL PULL STRING FOR 12 STRAND, SINGLE MODE, FIBER OPTIC CABLE FROM MDF ELECTRONICS ROOM TO IDF AGENTS OFFICE BY STATE FORCES
CV1- 05	COMM VAULT V2	COMM VAULT V1	EX. 2" W/ MAXCELL	EX. 1-48 MMFO	DUCT 1 OF MAXCELL FABRIC INNERDUCT
				EX. 1-50PR	DUCT 2 OF MAXCELL FABRIC INNERDUCT
				PULL STRING	DUCT 3 OF MAXCELL FABRIC INNERDUCT, PROVIDE AND INSTALL PULL STRING FOR 12 STRAND, SINGLE MODE, FIBER OPTIC CABLE FROM MDF ELECTRONICS ROOM TO IDF AGENTS OFFICE BY STATE FORCES
			EX. 2"	EX. PWR	EXISTING COMMUNICATION POWER
			EX. 2"	1-25TSP-#22	TWISTED PAIR COMMUNICATION CABLE FROM MDF ELECTRONICS ROOM TO IDF AGENTS OFFICE
CV2-01	MDF Electronics Room	COMM VAULT V2?	EX. 2" W/ MAXCELL	EX. 1-48 MMFO	DUCT 1 OF MAXCELL FABRIC INNERDUCT
				EX. 1-50PR	DUCT 2 OF MAXCELL FABRIC INNERDUCT
				PULL STRING	DUCT 3 OF MAXCELL FABRIC INNERDUCT, PROVIDE AND INSTALL PULL STRING FOR 12 STRAND, SINGLE MODE, FIBER OPTIC CABLE FROM MDF ELECTRONICS ROOM TO IDF AGENTS OFFICE BY STATE FORCES
			EX. 2"	1-25TSP-#22	TWISTED PAIR COMMUNICATION CABLE FROM MDF ELECTRONICS ROOM TO IDF AGENTS OFFICE



FIXTURE TYPE /NUMBER	QTY	CIRCUIT	LOCATION	DESCRIPTION	SPECIFICATION	VOLTAGE	WATTAGE	PRODUCT SHALL BE AS SHOWN OR APPROVED EQUAL FROM BEGA, TROY. B-K, HESSAMERICA, OR LUCIFER LIGHTING	MOUNTING HEIGHT (H1)	ASE/FOUNDATION/ MOUNTING	MAST ARM	NOTES
B1	2	PANEL AO CIRCUIT A16	AGENTS OFFICE ADA RAMP	LED BOLLARD WITH SHELDED 360° LIGHT DISTRIBUTION, 700+ LUMENS	LUMINAIRE HOUSING AND BASE CONSTRUCTED OF DIE-CAST AND EXTRUDED MARINE GRADE A360.0 ALUMINUM ALLOY. GLASS LENS: BOROSILIATE. IP65 SUITABLE FOR WET LOCATIONS. LED COLOR TEMPERATURE: 3000K. FINISH: MATTE BLACK, TEXTURED POLYESTER POWERCOATED 3 MIL THICKNESS	120 VAC	20.0 W	BEGA 99570-K3 (BLK)	N/A	BEGA 79817 ANCHORAGE KIT AND APPLICABLE PROTIONS OF WSDOT STANDARD PLAN J-20.10-04 (FOUNDATION ONLY)	N/A	
D1	4	PANEL AO CIRCUIT A16	UNDER AGENTS OFFICE EXTERIOR CANOPY	LED BULLET HEAD LIGHT WITH HORIZONTAL AND VERTICAL ROTATION, 900+ LUMENS	INTEGRATED POWER SUPPLY ALLOWS CONNECTION DIRECT CONNECTION TO LINE VOLTAGE. IP65 SUITABLE FOR WET LOCATIONS. LED COLOR TEMPERATURE: 2700K. FINISH: COASTAL COATING FOR COASTAL ENVIRONMENTS	120 VAC	14 W	TROY RLM LIGHTING LBLED14MB-C3-3	SEE ARCHITECTURE SHEETS	MONOPOINT MATRIX 3LBMNPMB-C3	N/A	
S1	3	PANEL AO CIRCUIT A16	AGENTS OFFICE EXTERIOR FRONT WALL ADJACENT TO FRONT DOORS AND ABOVE ADA RAMP	LED WALL SCONCE LUMINAIRE - SINGLE SIDED LIGHT OUTPUT, 600+ LUMENS	LUMINAIRE HOUSING AND BASE CONSTRUCTED OF DIE-CAST AND EXTRUDED MARINE GRADE A360.0 ALUMINUM ALLOY. SAFETY GLASS. IP65 SUITABLE FOR WET LOCATIONS. LED COLOR TEMPERATURE: 3000K. FINISH: MATTE BLACK, TEXTURED POLYESTER POWERCOATED 3 MIL THICKNESS	120 VAC	10 W	BEGA 66655-K3 (BLK)	SEE ARCHITECTURE SHEETS	FLUSH MOUNTING JUNCTION BOX BEGA 19537 OR SURFACE MOUNT JUNCTION BOX BEGA 79547 NGY	2"	

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ENTERED BY: M. MORIN	12/4/2023				10 WASH
CHECKED BY: K. BROCK	12/4/2023				JOB NUMBER
MAR PROJ ENGR: L. LU	12/4/2023				20W011
DGN ENGR MNGR: C. CHEN					CONTRACT NO.
ASST SECRETARY: P. RUBSTELLO			REVISION	DATE	BY
					00****



SEE CT01.00



**Washington State**  
**Department of Transportation**  
WASHINGTON STATE FERRIES

SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
LIGHTING SCHEDULE

E03.04

SHEET  
108  
OF  
119  
SHEETS

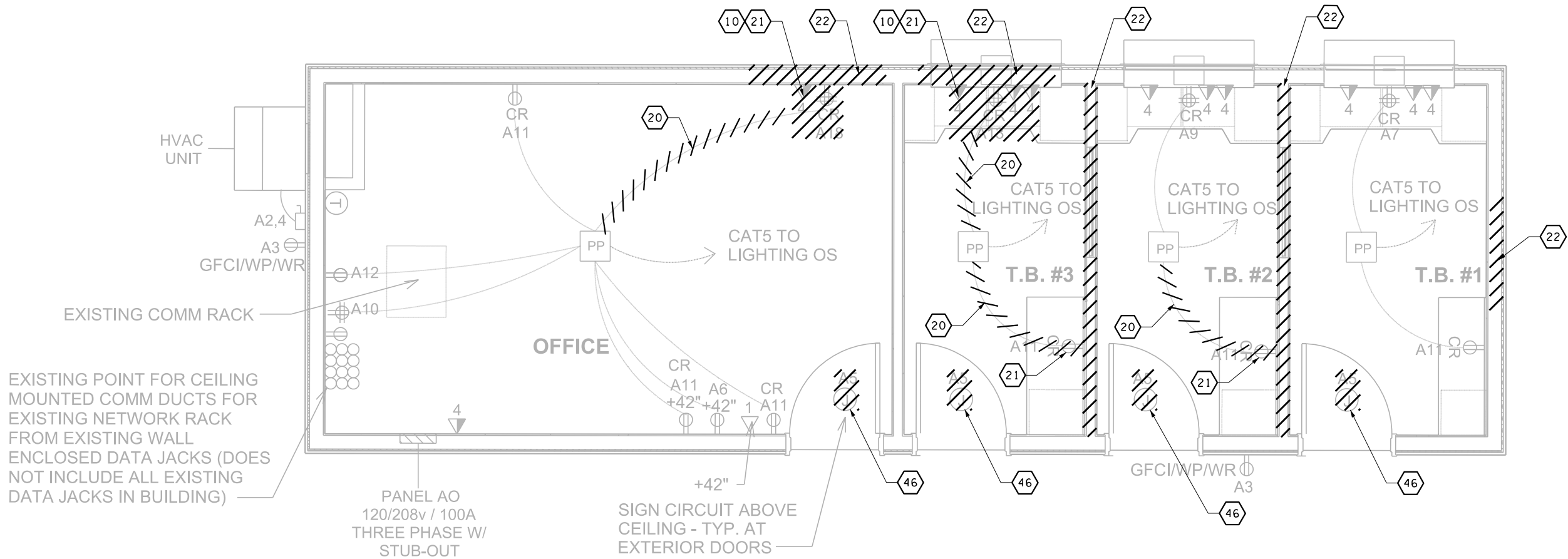






GENERAL NOTES:

1. SEE E01 SERIES SHEETS FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND NOTES.
2. SEE SHEET E03.02 FOR CONDUIT SCHEDULE AND CONSTRUCTION NOTES.
3. SEE SECURITY SHEETS FOR DEMOLITION OF EXPOSED RACEWAYS, JUNCTION BOXES AND OTHER NETWORK, SECURITY AND POWER ITEMS.
4. SEE ARCHITECTURAL SHEETS FOR ADDITIONAL DEMOLITION DETAILS.
5. THE CONTRACTOR SHALL TEST ALL CIRCUITS AND CONNECTIONS FOR DEVICES TO REMAIN. THE CONTRACTOR SHALL VERIFY THAT ALL EQUIPMENT TO REAMIN IS OPERATIONAL.
6. REMOVE, REPLACE, AND REPAIR INTERIOR WALL AND CEILING SECTIONS NECESSARY TO PROVIDE FOR ELECTRICAL AND COMMUNICATION WORK.



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12/4/2023

MAR PROJ ENGR: L. LU

12/4/2023

DGN ENGR MNGR: C. CHEN

ASST SECRETARY: P. RUBSTELLO

REVISION

DATE

BY

FED.AID

PROJ.NO.

\*- WA- \*\*\*

REGION NO. STATE

10 WASH

JOB NUMBER

20W011

CONTRACT NO.

00\*\*\*\*



SEE CT01.00



Washington State  
Department of Transportation  
WASHINGTON STATE FERRIES

SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
BUILDING ELECTRICAL DEMOLITION I

EB05.00

SHEET

111

OF

119

SHEETS

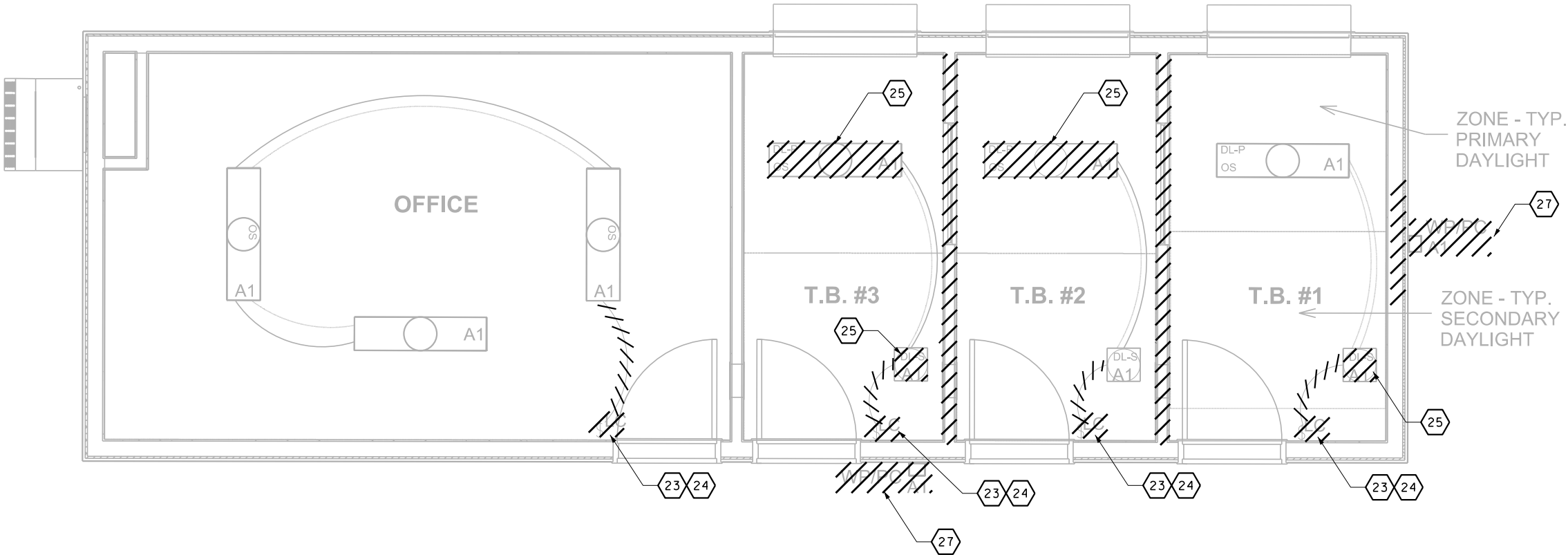
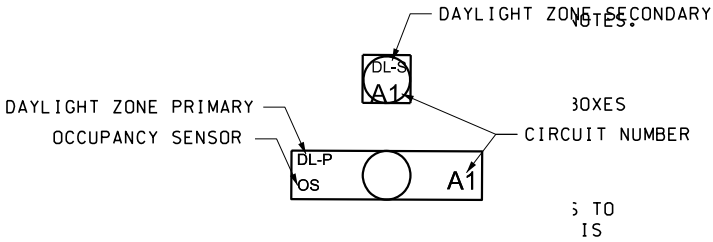
GENERAL NOTES:

- 1. SEE E01 SERIES SHEETS FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND NOTES.
- 2. SEE SHEET E03.02 FOR CONDUIT SCHEDULES AND CONSTRUCTION NOTES.
- 3. SEE SECURITY SHEETS FOR DEMOLITION OF EXPOSED RACEWAYS, JUNCTION BOXES AND OTHER NETWORK, SECURITY AND POWER ITEMS.
- 4. SEE ARCHITECTURAL SHEETS FOR ADDITIONAL DEMOLITION DETAILS.
- 5. SEE PANEL AO SCHEDULE SHEET E04.01.
- 6. THE CONTRACTOR SHALL TEST ALL CIRCUITS AND CONNECTIONS FOR DEVICES TO REMAIN. THE CONTRACTOR SHALL VERIFY THAT ALL EQUIPMENT TO REAMIN IS OPERATIONAL.
- 8. REMOVE, REPLACE, AND REPAIR INTERIOR WALL AND CEILING SECTIONS NECESSARY TO PROVIDE FOR ELECTRICAL AND COMMUNICATION WORK.

GENERAL NOTES:

- 1. SEE E01 SERIES SHEETS FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND NOTES.
- 2. SEE SHEET E03.02 FOR CONDUIT SCHEDULES AND CONSTRUCTION NOTES.
- 3. SEE SECURITY SHEETS FOR DEMOLITION OF EXPOSED RACEWAYS, JUNCTION BOXES AND OTHER NETWORK, SECURITY AND POWER ITEMS.
- 4. SEE ARCHITECTURAL SHEETS FOR ADDITIONAL DEMOLITION DETAILS.
- 5. THE CONTRACTOR SHALL TEST ALL CIRCUITS AND CONNECTIONS FOR DEVICES TO REMAIN. THE CONTRACTOR SHALL VERIFY THAT ALL EQUIPMENT TO REMAIN IS OPERATIONAL.
- 8. REMOVE, REPLACE, AND REPAIR INTERIOR WALL AND CEILING SECTIONS NECESSARY TO PROVIDE FOR ELECTRICAL AND COMMUNICATION WORK.

LIGHTING FIXTURES LEGEND



GENERAL NOTES:

1. SEE E01 SERIES FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND NOTES.

2. SEE SHEETS E03.02 AND E03.03 FOR CONDUIT SCHEDULE AND CONSTRUCTION NOTES.

3. SEE PANEL AO SCHEDULE SHEET E04.01.

4. PROVIDE AND INSTALL ALL DATA JACKS PER ELECTRICAL SYMBOLS SHOWN AND ROUTE TO COMMUNICATION AND SECURITY CABINET.

5. ALL INDOOR COMMUNICATION AND SECURTY CABLING SHALL BE IN CONCEALED EMT OR CONCEALED FLEXIBLE CONDUIT UNLESS A DIFFERENT METHOD IS APPROVED BY THE ENGINEER.
6. PROVIDE AND INSTALL ALL RECEPTACLES PER ELECTRICAL SYMBOLS SHOWN AND CONNECT IN EXISTING PANEL AO TO THE CIRCUIT NUMBER SHOWN ADJACENT TO THE RECEPTACLE SYMBOL.

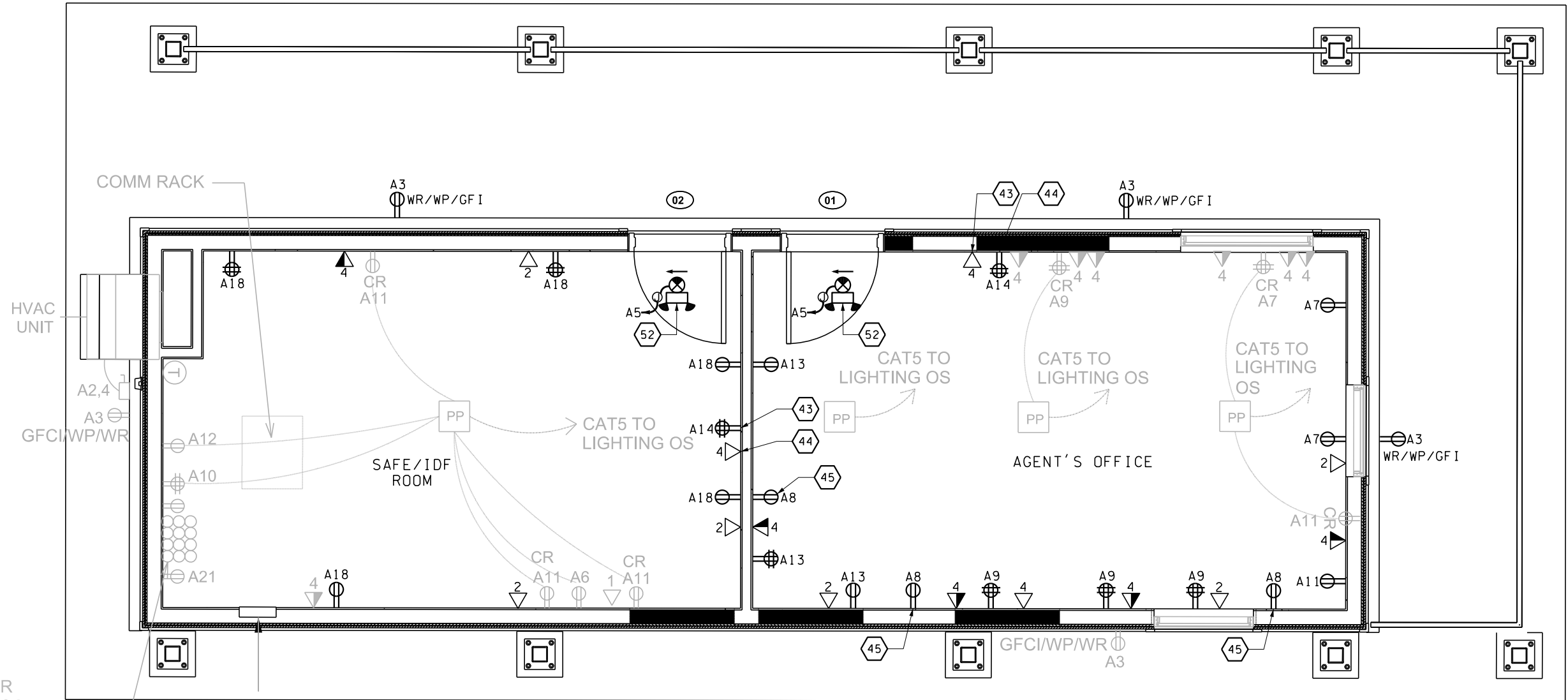
7. ALL INDOOR ELECTRICAL WIRING SHALL BE IN CONCEALED EMT OR CONCEALED FLEXIBLE METAL CONDUIT. PROVIDE AND INSTALL #12 AWG (MIN.) IN 3/4" (MIN.) CONDUIT UNLESS OTHERWISE INDICATED ON THE PANEL AO SCHEDULE FOR THE CIRCUIT NUMBER SHOWN.

8. MULTIPLE ELECTRICAL CIRCUITS ARE PERMITTED IN THE SAME CONDUIT AS LONG AS THE CONDUCTORS SIZES ARE IN ACCORDANCE WITH NEC DERATING FOR THE NUMBER OF CURRENT CARRYING CONDUCTORS IN A CONDUIT.
9. EXTERIOR RECEPTACLES SHALL BE WEATHER RESISTANT TYPE WITH WEATHERPROOF COVER AND SHALL INCLUDE AN EXTRA DUTY OUTLET BOX HOOD

10. ALL EXTERIOR WALL BOX PLATE COVERS SHALL BE GASKETED.

11. THE CONTRACTOR SHALL TEST ALL CIRCUITS AND CONNECTIONS FOR DEVICES TO REMAIN. THE CONTRACTOR SHALL VERIFY THAT ALL EQUIPMENT TO REMAIN IS OPERATIONAL.

12. REMOVE, REPLACE, AND REPAIR INTERIOR WALL AND CEILING SECTIONS NECESSARY TO PROVIDE FOR ELECTRICAL AND COMMUNICATION WORK.



EXISTING POINT FOR  
CEILING MOUNTED COMM  
DUCTS FOR EXISTING  
NETWORK RACK FROM  
EXISTING WALL ENCLOSED  
DATA JACKS (DOES NOT  
INCLUDE ALL EXISTING  
DATA JACKS IN BUILDING)

PANEL AO  
120/208v / 100A  
THREE PHASE W/  
STUB-OUT

PROPOSED PLAN

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DGN ENGR MNGR: C. CHEN

ASST SECRETARY: P. RUBSTELLO

REVISION

DATE

BY

FED.AID  
PROJ.NO.

\*- WA - \*\*\*

REGION NO. STATE

10 WASH

JOB NUMBER

20W011

CONTRACT NO.

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SEE CT01.00



Washington State  
Department of Transportation  
WASHINGTON STATE FERRIES

SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE

BUILDING ELECTRICAL PLAN

EB06.00

SHEET

113

OF

119

SHEETS

GENERAL NOTES:

1. SEE E01 SERIES FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND NOTES.

2. SEE SHEETS E03.02 AND E03.03 FOR CONDUIT SCHEDULE AND CONSTRUCTION NOTES.

3. SEE LIGHTING SCHEDULE SHEET E03.04.

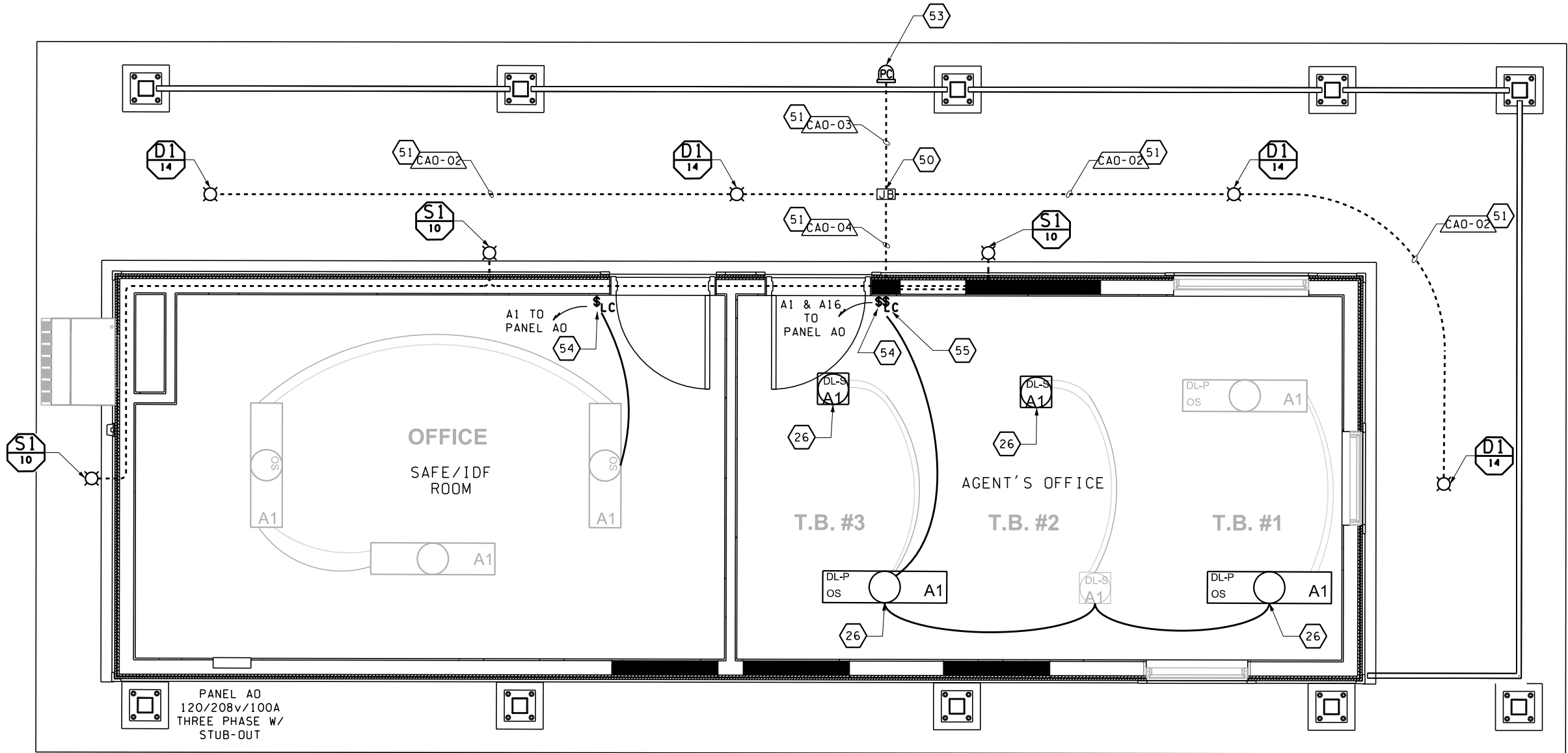
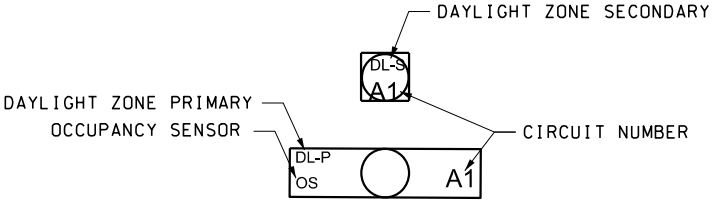
4. SEE PANEL AO SCHEDULE SHEET E04.01.

5. PROVIDE AND INSTGALL ALL LIGHTING PER ELECTRICAL SYMBOLS SHOWN AND CONNECT IN EXISTING PANEL AO TO THE CIRCUIT NUMBER SHOWN.
6. ALL INDOOR ELECTRICAL WIRING SHALL BE IN CONCEALED EMT OR CONCEALED FLEXIBLE METAL CONDUIT. PROVIDE AND INSTALL #12 AWG (MIN.) IN 3/4" (MIN.) CONDUIT UNLESS OTHERWISE INDICATED ON THE PANEL AO SCHEDULE FOR THE CIRCUIT NUMBER SHOWN.

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11. THE CONTRACTOR SHALL TEST ALL CIRCUITS AND CONNECTIONS FOR DEVICES TO REMAIN. THE CONTRACTOR SHALL VERIFY THAT ALL EQUIPMENT TO REMAIN IS OPERATIONAL.

12. REMOVE, REPLACE, AND REPAIR INTERIOR WALL AND CEILING SECTIONS NECESSARY TO PROVIDE FOR ELECTRICAL AND COMMUNICATION WORK.

LIGHTING FIXTURES LEGEND



PROPOSED PLAN

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SEE CT01.00



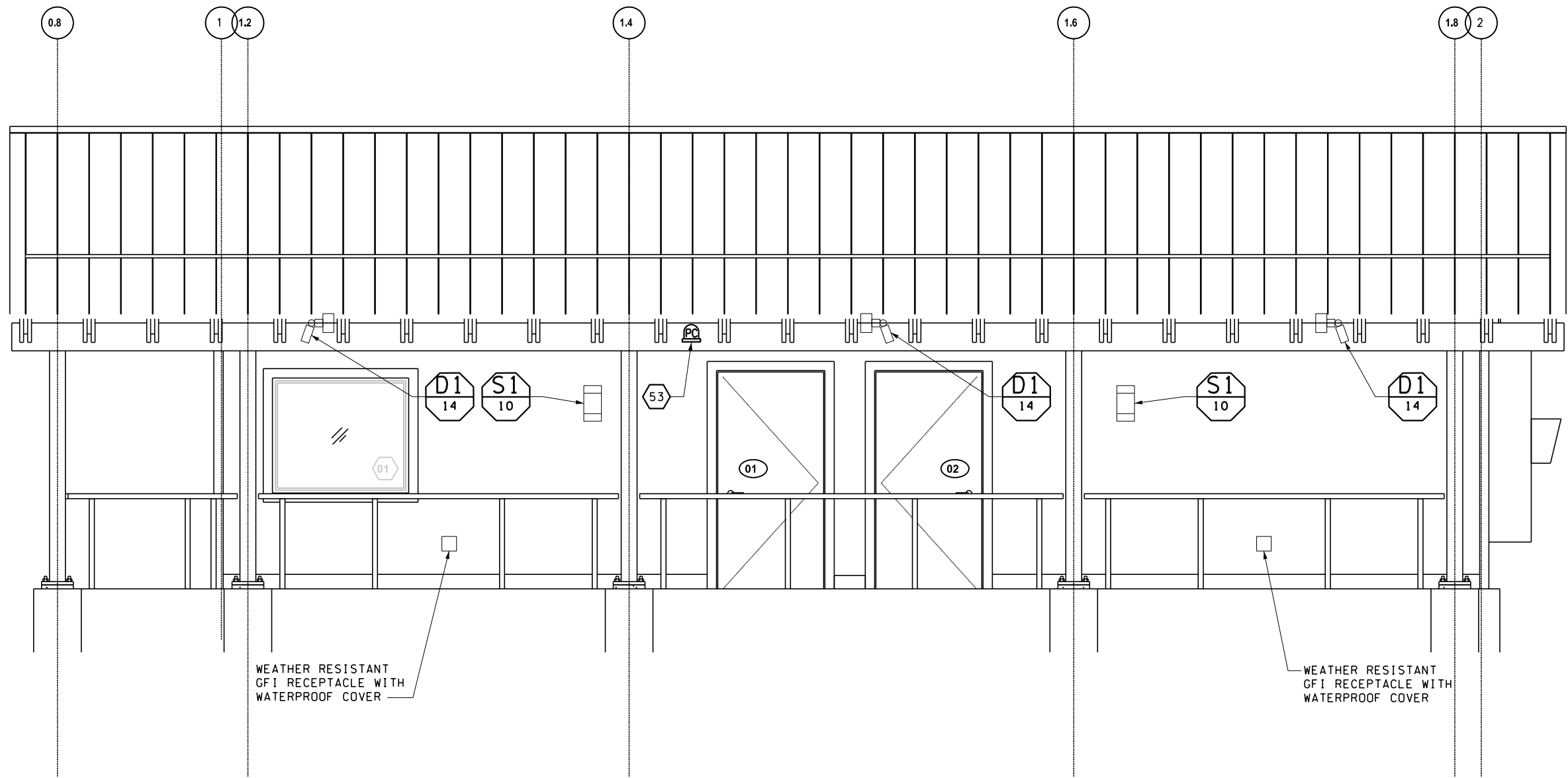
Washington State  
Department of Transportation  
WASHINGTON STATE FERRIES

SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
BUILDING LIGHTING PLAN

EB06.01  
SHEET  
114  
OF  
119  
SHEETS

GENERAL NOTES:

- 1. SEE E01 SERIES FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND NOTES.
- 2. SEE SHEETS E03.02 AND E03.03 FOR CONDUIT SCHEDULE AND CONSTRUCTION NOTES.
- 3. SEE LIGHTING SCHEDULE SHEET E03.04.



NORTH ELEVATION WITH CANOPY

0 1 2  
SCALE 1/4" = 1'-0"

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ASST SECRETARY: P. RUBSTELLO

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DATE

BY

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PROJ.NO.

\*- WA - \*\*\*

REGION NO. STATE

10 WASH

JOB NUMBER

20W011

CONTRACT NO.  
00\*\*\*\*



SEE C101.00



Washington State  
Department of Transportation  
WASHINGTON STATE FERRIES

SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
BUILDING ELECTRICAL ELEVATIONS  
WITH CANOPY - NORTH

EB08.00

SHEET

115

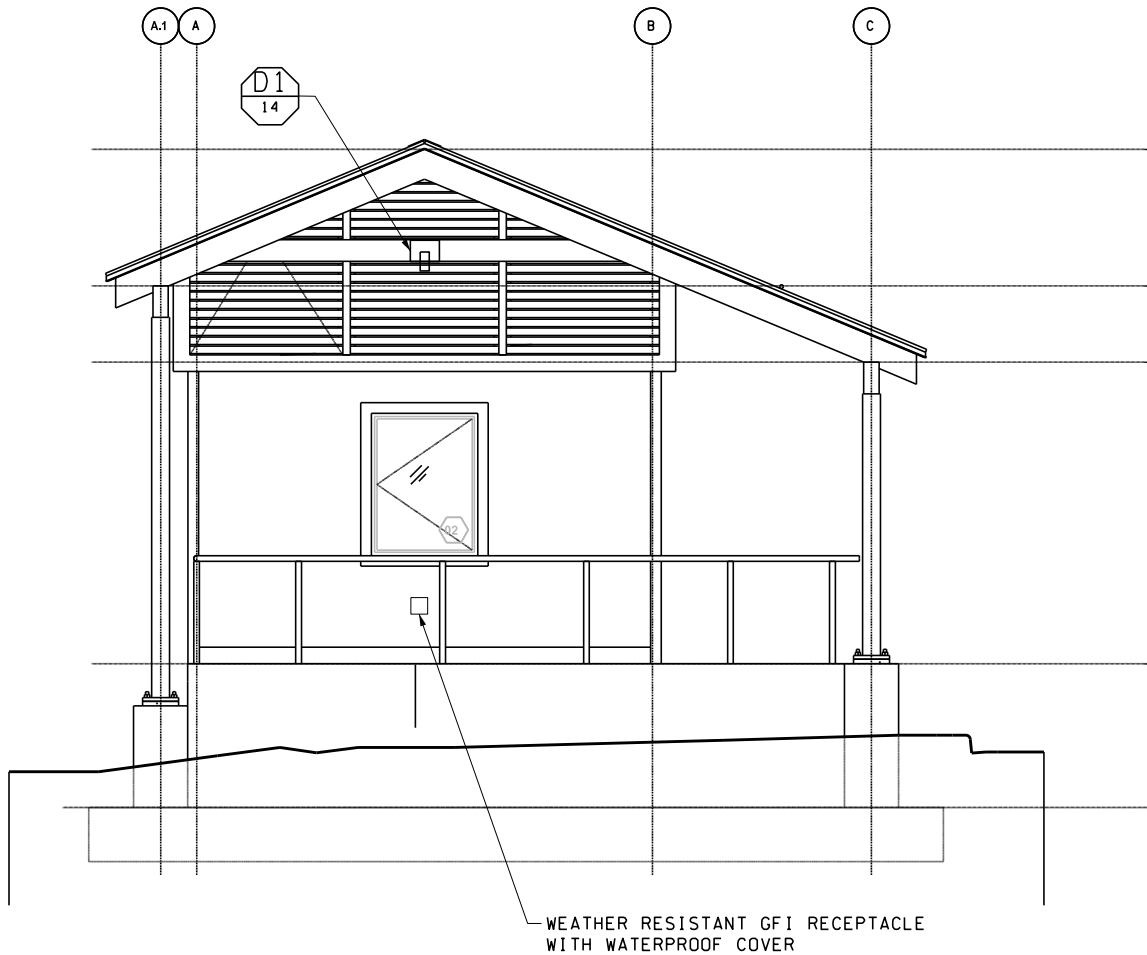
OF

119

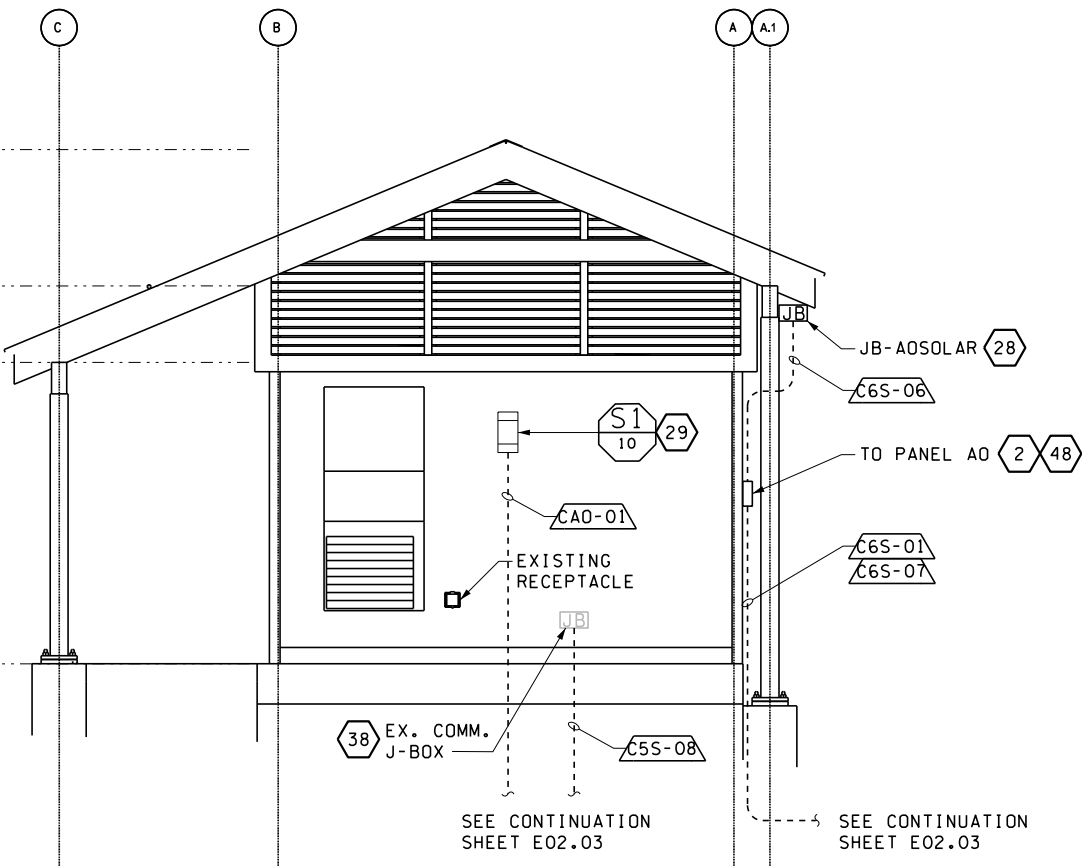
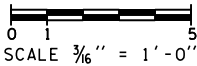
SHEETS

GENERAL NOTES:

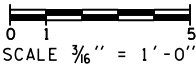
- 1. SEE E01 SERIES FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND NOTES.
- 2. SEE SHEETS E03.02 AND E03.03 FOR CONDUIT SCHEDULE AND CONSTRUCTION NOTES.
- 3. SEE LIGHTING SCHEDULE SHEET E03.04.



EAST ELEVATION WITH CANOPY



WEST ELEVATION WITH CANOPY



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MAR PROJ ENGR: L. LU	12/4/2023				20W011
DGN ENGR MNGR: C. CHEN					CONTRACT NO.
ASST SECRETARY: P. RUBSTELLO					00****
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SEE C101.00



Washington State  
Department of Transportation  
WASHINGTON STATE FERRIES

SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE  
BUILDING ELECTRICAL ELEVATIONS  
WITH CANOPY - EAST & WEST

EB08.01

SHEET  
116  
OF  
119  
SHEETS



1. SEE STANDARD SPECIFICATION SECTION 9-29.24 FOR ADDITIONAL REQUIREMENTS, IF APPLICABLE.
2. CABINET SHALL BE SKYLINE ELECTRIC MFG., RHINO MFG., MILBANK OR APPROVED EQUAL, PAD MOUNT, RATED NEMA 3R, #1 GA, TYPE 316L STAINLESS STEEL, WITH CARD HOLDER AND SHALL INCLUDE TWO RAIN-TIGHT VENTS, FINISH: #2B, UNPAINTED.
3. DIMENSIONS SHOWN ARE MINIMUM AND SHALL BE ADJUSTED TO ACCOMMODATE THE VARIOUS SIZES OF EQUIPMENT INSTALLED. A 1% TOLERANCE IS ALLOWED FOR ALL DIMENSIONS.
4. DOORS SHALL BE PAD-LOCKABLE AND CLOSED CELL, NEOPRENE GASKETED. CUSTOMER SIDE DOOR SHALL INCLUDE A BEST CX 6-PIN CONSTRUCTION CORE LOCK. EACH DOOR SHALL USE EITHER A CONTINUOUS PIANO HINGE, THREE TWO-PIECE HINGES, OR TWO HEAVY-DUTY LIFT-OFF TYPE HINGES.
5. HINGES WITH PINS SHALL HAVE STAINLESS STEEL PINS - SEE STANDARD PLAN J-10.20 DOOR HINGE DETAILS.
6. EQUIPMENT IDENTIFIED BY KEY NUMBERS 14, 16, 17, 18, 19, 20, 21, 22, 23, AND 28 SHALL HAVE AN APPROPRIATELY ENGRAVED PHENOLIC NAME PLATE ATTACHED WITH SCREWS OR RIVETS. THE NAME PLATE FOR KEY NUMBER 21 (TEST SWITCH ONLY) SHALL READ AS FOLLOWS: "PHOTOCELL BYPASS TEST ON" AND "PHOTOCELL TEST OFF - AUTOMATIC." SEE SERVICE CABINET DETAIL.
7. ALL BUSSWORK SHALL BE ASTM B187 COPPER AND SHALL HAVE A MINIMUM RATING OF 250 AMPS. ALL BREAKERS SHALL BOLT ON TO THE BUSSWORK. JUMPERING OF BREAKERS SHALL NOT BE ALLOWED. BUSSWORK SHALL ACCOMMODATE ALL FUTURE EQUIPMENT AS SHOWN IN THE BREAKER SCHEDULE.
8. ALL NUTS, BOLTS, AND WASHERS USED FOR MOUNTING THE PHOTOCELL ENCLOSURE SHALL BE STAINLESS STEEL.
9. THE PHOTOCELL UNIT SHALL BE CENTERED IN THE PHOTOCELL ENCLOSURE TO PERMIT 360 DEGREE ROTATION OF THE PHOTOCELL WITHOUT REMOVAL OF THE PHOTOCELL UNIT OR THE PHOTOCELL ENCLOSURE.
10. ALL INTERNAL WIRE RUNS SHALL BE IDENTIFIED WITH "TO - FROM" CODED TAGS LABELED WITH THE CODE LETTERS AND/OR NUMBERS SHOWN ON THE SCHEDULES. APPROVED PVC OR POLYOLEFIN WIRE MARKING SLEEVES SHALL BE USED.
11. KEY ITEMS 23, 24, AND 25 SHALL BE CONNECTED TO THE CABINET MAIN BONDING JUMPER ASSEMBLY BY APPROPRIATELY SIZED WIRE.
12. SEE SHEET E04.01 FOR BREAKER SCHEDULE.
13. BUSS BARS SHALL BE SIZED TO ACCOMMODATE UP TO #4 AWG WIRES.



- ① NOT USED
- ② NOT USED
- ③ DOOR WITH BEST CX 6-PIN LOCK CORE
- ④ PHOTOCELL ENCLOSURE ~ SEE PHOTOCELL MOUNTING DETAIL  
~ ENCLOSURE SHALL BE FABRICATED FROM STAINLESS STEEL  
- 5/8" (IN) EXPANDED STEEL MESH WITH WELDED SEAMS  
AND MOUNTING FLANGES
- ⑤ PHOTOELECTRIC CONTROL ~ SEE STANDARD SPECIFICATION,  
SECTION 9-29.11(2).
- ⑥ SCREENED VENTS ~ TWO REQUIRED, ONE EACH SIDE ~ LOUVERED  
PLATES
- ⑦ NOT USED
- ⑧ HINGED DEAD FRONT WITH 1/4 TURN FASTENERS OR  
SLIDE LATCHES ~ DEAD FRONT PANEL BOLTS SHALL NOT  
EXTEND INTO VERTICAL LIMITS OF THE BREAKER ARRAY(S)
- ⑨ ARC FLASH AND SHOCK HAZARD LABEL (FIELD INSTALLED) ~  
SEE DETAIL
- ⑩ CABINET BUSSWORK RATING LABEL
- ⑪ METAL WIRING DIAGRAM HOLDER
- ⑫ NOT USED
- ⑬ STAINLESS STEEL BACKPLATE
- ⑭ MAIN BREAKER SIZE PER BREAKER SCHEDULE
- ⑮ 30 SPACE (MIN.), PANEL BOARD INTERIOR,  
EATON, GENERAL ELECTRIC OR SQUARE D,  
120/208 VAC, 3 PHASE, 4W.
- ⑯ 20 KA TYPE 1 OR TYPE 2 SURGE PROTECTION DEVICE  
~ DIN RAIL MOUNT WITH PLUG-IN MODULE(S)
- ⑰ BRANCH BREAKER ~ SEE BREAKER SCHEDULE
- ⑱ NOT USED
- ⑲ SEE BREAKER SCHEDULE
- ⑳ SEE BREAKER SCHEDULE
- ㉑ SEE BREAKER SCHEDULE

- 22) NOT USED
- 23) SINGLE GANG BOX WITH TEST SWITCH ~ 120/277 VOLT 15 AMP SPDT SNAP ACTION - POSITIVE CLOSE - "T" RATED
- 24) SINGLE GANG BOX WITH RECEPTACLE (GROUNDED) ~ 125 VOLT 20 AMP GFCI
- 25) SINGLE GANG BOX WITH THERMOSTAT CONTROL ~ 40° F CLOSURE - 3 DIFFERENTIAL
- 26) ISOLATED NEUTRAL BUSS ~ 14 LUG COPPER (SEE NOTE 12)
- 27) CABINET MAIN BONDING JUMPER ASSEMBLY ~ BUSS SHALL BE 14 LUG TINNED COPPER (SEE NOTE 12) ~ SEE CABINET MAIN BONDING JUMPER ASSEMBLY DETAIL
- 28) (1) ONE POLE, AND (1) TWO POLE, 20 AMP, LIGHTING CONTRACTORS (BEHIND DEAD FRONT) SPARE
- 29) STRIP HEATER (100 WATT NOMINAL) WITH EXPANDED STEEL MESH ENCLOSURE FOR TOUCH PROTECTION
- 30) THREE POSITION DIN RAIL MOUNTED TERMINAL BLOCK ~ TERMINAL BLOCK SECTIONS SHALL BE BLACK, WHITE, AND RED AS SHOWN IN CABINET WIRING DIAGRAM.

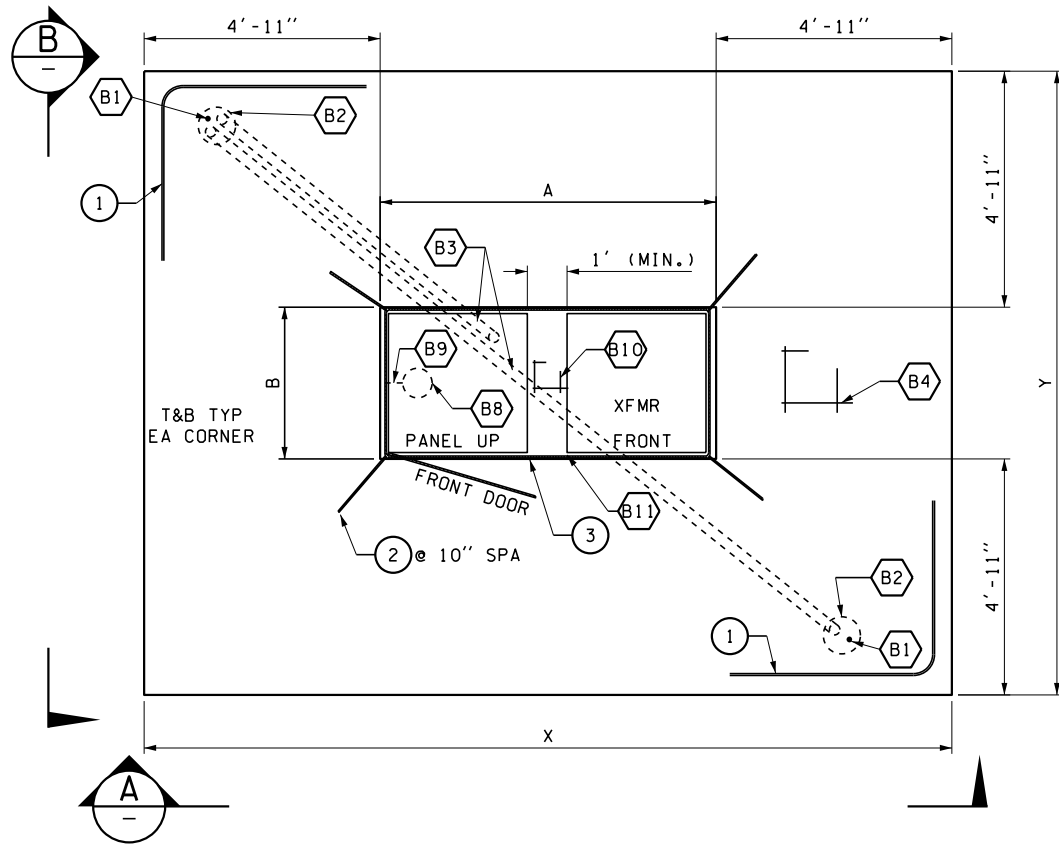
TRANSFORMER 42TX1 SHALL BE A EATON, HARSH ENVIRONMENT  
OR HAMMOND HPS TITAN, LOW-VOLTAGE, DRY TYPE,  
TRANSFORMER, MEETING THE FOLLOWING REQUIREMENTS OR  
EQUIVALENT FROM GENERAL ELECTRIC, OR SQUARE D:

1. COMPLETELY ENCAPSULATED FOR ADVERSE CORROSIVE  
ATMOSPHERIC CONDITIONS.
2. COPPER WINDINGS
3. NEMA 4X - STAINLESS STEEL
4. 220 C INSULATION
5. BREATHER DRAINS TO ELIMINATE MOSTURE BUILDUP DUE  
TO CONDENSATION WITHOUT COMPROMISING ENCLOSURE  
INTEGRITY

[illegible]

GENERAL NOTES

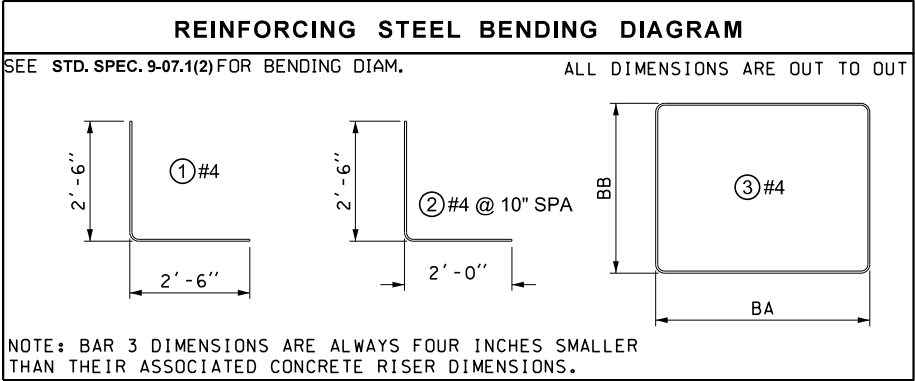
1. EACH PAD MOUNTED CABINET SHALL BE ATTACHED TO THE FOUNDATION WITH FOUR 1/2" (IN.) X 10" (IN.) X 2" (IN.) X 4" (IN.) ANCHOR BOLTS (SEE ANCHOR BOLT DETAIL THIS SHEET). BOLTS, WASHERS, AND NUTS SHALL BE STAINLESS STEEL. STAINLESS STEEL EPOXY ANCHORS MAY BE USED AS AN ALTERNATIVE WITH THE ENGINEER'S APPROVAL. STAINLESS STEEL HARDWARE: ASTM F593 ALL THREADED ROD, ASTM A240 WASHERS, AND ASTM F594 NUTS. ANCHOR BOLTS SHALL EXTEND 1 1/2" (IN.) MIN. TO 2" (IN.) MAX. ABOVE THE CONCRETE PAD.
2. ALL REINFORCING STEEL SHALL BE EPOXY COATED EMBEDDED 2" (IN.) BELOW THE SURFACE OF CONCRETE.
3. A 1/2" (IN.) BEAD OF SILICONE IS REQUIRED BETWEEN EACH CABINET AND THE CONCRETE FOUNDATION.
4. CONCRETE SHALL BE CLASS 3000, IN ACCORDANCE WITH STANDARD SPECIFICATION 8-20.3(4). ALL CONCRETE CORNERS SHALL HAVE A 1" (IN.) CHAMFER.
5. THE FOUNDATION SHALL BE PROTECTED FROM STORM SURGE AND SEA LEVEL RISE ERROSION BY THE INSTALLATION OF QUARRY SPALLS INSTALLED OUTSIDE, BACK SHORE SIDE AND SIDE EDGES OF THE FOUNDATION. THE QUARRY SPALLS SHALL BE TAPERED FROM THE TOP ELEVATION OF THE FOUNDATION TO MEET EXSITING GRADE THREE FEET BEHIND AND ON THE SIDES OF THE FOUNDATION. QUARRY SPALLS SHALL MEET THE REQUIREMENTS OF SECTION 9-13.1(5). SEE CIVIL SHEETS FOR QUARRY SPALL REQUIREMENTS AND PAYMENT.
6. RISER WIDTH AND DEPTH SHALL EXTEND TO PROVIDE A 1" MINIMUM LIP FROM THE CABINET BASE EDGE TO THE FACE OF THE RISER AND A MINIMUM RISER EDGE DISTANCE OF 6" FROM THE ANCHOR BOLTS. VERIFY OVERALL PAD AND CONCRETE RISER DIMENSIONS WITH THE ENGINEER PRIOR TO PLACING CONCRETE.
7. SEE ARCH DWG AND A05.31 FOR APPROXIMATE SLAB DIMENSIONS WHICH INCLUDES THE PERIMETER FENCE DETAILS.



FOUNDATION SIZE REFERENCE TABLE						
CABINETS	PAD WIDTH (X)	PAD DEPTH (Y)	RISER WIDTH (A)	RISER DEPTH (B)	HOOP ③ WIDTH (BA)	HOOP ③ DEPTH (BB)
PANEL UP/XFMR 42TX1	202" *	156" *	84" *	38" *	80" *	34" *

\* DIMENSION SHOWN ARE APPROXIMATE. FOUNDATION SHALL BE SIZED TO ACTUAL PROCURED CABINET DIMENSIONS.

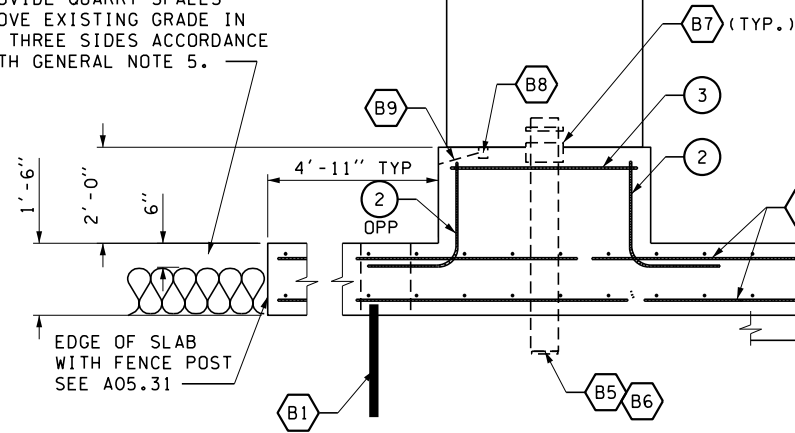
RISER DIMENSIONS SHALL BE BASED ON A MINIMUM EDGE DISTANCE OF 6" FROM THE CABINET ANCHOR BOLTS TO THE EDGE OF THE RISER.



CABINET REFERENCE TABLE	
ELECTRICAL CABINET	SIZE WxD (IN)
PANEL UP	30" X 24" *
TRANSFORMER CABINET	SIZE WxD (IN)
XFMR 42TX1 75 KVA	40" X 36" *

\* DIMENSIONS SHOWN ARE APPROXIMATE. FOUNDATION SHALL BE SIZED TO ACTUAL PROCURED CABINET DIMENSIONS.

PROVIDE QUARRY SPALLS ABOVE EXISTING GRADE IN ON THREE SIDES ACCORDANCE WITH GENERAL NOTE 5.



ELEVATION B

6" CRUSHED SURFACING PER SECTION 9-03.9(3)

TOP OF EXISTING GRADE

(TYP.) 2 OPP

EDGE OF SLAB WITH FENCE POST SEE A05.31

B1

B6

B3

B5

B1

B2 (TYP.)

EDGE OF SLAB WITH FENCE POST SEE A05.31

PROVIDE QUARRY SPALLS ABOVE EXISTING GRADE IN ON THREE SIDES ACCORDANCE WITH GENERAL NOTE 5.

PAD AND PEDESTAL HEIGHTS HAVE BEEN INCREASED FROM STANDARD PLAN TO ADDRESS FLOOD PLAIN ISSUES.

ELEVATION A

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REVISION

DATE

BY

FED.AID PROJ.NO.  
\*- WA - \*\*\*  
REGION NO. STATE  
10 WASH  
JOB NUMBER  
20W011  
CONTRACT NO.  
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SEE CT01.00



SEE CT01.00



Washington State  
Department of Transportation  
WASHINGTON STATE FERRIES

SR20  
COUPEVILLE FERRY TERMINAL  
AGENT'S OFFICE

ELECTRICAL DETAILS II

ED10.01

SHEET

118

OF

119

SHEETS

KEY NOTES

- B1

GROUND ROD ~ SEE NOTE B1, THIS SHEET.
- B2

GROUND ROD WELL (GROUND TILE) - 12" DIAMETER CONCRETE
- B3

GROUND ELECTRODE CONDUITS
- B4

STEEL REINFORCEMENT - STEEL REINFORCEMENT SHALL BE EPOXY COATED #4 BARS SPACED AT 1'-0" CENTERS Laterally AND LONGITUDINALLY TOP AND BOTTOM, UNO.
- B5

INPUT POWER CONDUIT. CONDUIT SHALL TERMINATE IN THE HIGH-VOLTAGE SECTION OF THE CABINET (AS APPLICABLE).
- B6

CONDUITS TO FIELD EQUIPMENT. CONDUITS SHALL TERMINATE IN THE LOW-VOLTAGE OF THE CABINET.
- B7

CONDUIT COUPLERS ~ SEE NOTE B4, THIS SHEET.
- B8

4" (IN.) DIAM. X 1/2" (IN.) DEEP SUMP. SLOPE FOUNDATION WITHIN CABINET FOOTPRINT TOWARD SUMP.
- B9

3/8" (IN.) DIAM. POLYETHYLENE OR COPPER TUBING FOR DRAIN. TUBING SHALL BE STRAIGHT, BUT SLOPE DOWNWARD A MINIMUM OF 1" (IN.)
- B10

STEEL REINFORCEMENT SHALL BE EPOXY-COATED #6 BARS SPACED AT 10" CENTERS TRANSVERSELY AND LONGITUDINALLY TOP OF RISER.
- B11

RISER LIP SHALL BE 1" (IN.) FROM THE BASE EDGE OF THE LARGEST CABINET TO THE FACE OF THE CONCRETE RISER. SIMILAR CABINETS SHALL BE POSITIONED SO THAT THE FRONT RISER LIP IS 1" (IN.) WIDE.

NOTES - PAD MOUNT ELECTRICAL AND TRANSFORMER CABINET

- B1.

DRIVE GOUND RODS BEFORE PLACING CONCRETE. GROUND RODS SHALL BE A MINIMUM OF 6 FEET APART. SEE STANDARD PLAN J-60.05 FOR ADDITIONAL DETAILS.
- B2.

NOT USED.
- B3.

NOT USED.
- B4.

INSTALL CONDUIT COUPLINGS ON ALL CONDUITS. COUPLERS SHALL BE INSTALLED WITH THE TOP OF THE COUPLER FLUSH WITH THE TOP OF CONCRETE. FOR PVC CONDUITS, THE CONDUIT SEGMENT ABOVE THE COUPLER SHALL NOT BE GLUED TO THE COUPLER.
- B5.

CONDUITS SHALL EXTEND A MINIMUM OF 2" (IN.) AND A MAXIMUM OF 3" (IN.) INTO THE CABINET, AS MEASURED FROM THE CONCRETE SURFACE TO THE TOP OF THE END BELL (PVC) OR GROUND BUSHING (RMC).
- B6.

NOT USED.
- B7.

NOT USED.
- B8.

NOT USED.

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